DOCUMENT RESUME

ED 270 886 EA 018 572

TITLE	School Buildings Services Information Needs Assessment: Volumes 1 and 2.
INSTITUTION	Alberta Dept. of Education, Edmonton. School Buildings Services.
PUB DATE	16 Apr 86
NOTE	656p.; Appendices contain small print.
PUB TYPE	Reports - Evaluative/Feasibility (142) -- Statistical Data (110)
EDRS PRICE	MF03/PC27 Plus Postage.
DESCRIPTORS	*Automation; Computers; Databases; Data Collection; Data Processing; *Educational Facilities Planning; Elementary Secondary Education; Foreign Countries; Information Needs; Information Networks; Information Retrieval; *Information Systems; Man Machine Systems; Online Systems; *State Agencies; *State Departments of Education
IDENTIFIERS	*Alberta

ABSTRACT

This report presents an information needs assessment for an office automation plan to be undertaken for the School Building Services Branch of the Alberta Department of Education. This exercise complements the work of two senior committees within the Department: (1) the Electronic Information Processing Needs Study Steering Committee, and (2) the Electronic Information Processing Task Force. The first phase, in five sections, provides a background for the rest of the examination. The introduction describes the purpose of the assignment and the research activities. Section 2 describes the organization, operations, key responsibility areas, and physical environment of the branch. Section 3 describes the functions, processes, and data and information flows. In Section 4, a model displays what occurs within the branch: generation of primary data, retrieval, acquisition of data, transformation of data into usable information, interaction (communicating or disseminating) and storage of data/information. Section 5 completes the overview with a background summary. Phase 2 comprises a time log survey (Section 6) of all members of the branch. This is followed by a consideration of general automation requirements of the branch (Section 7), and a framework (Section 8) for a plan of automation, including a model of a school building's capital decision support system. A separate volume of 21 appendices is also included. It presents statistical data to complement the report. (TE)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED270886

VOLUME 1

SCHOOL BUILDINGS SERVICES INFORMATION NEEDS ASSESSMENT

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☒ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality

- Points of view or opinions stated in this document do not necessarily represent official OERI position or policy

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
S. Wolodko

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

EA 018 572

VOLUME 1

SCHOOL BUILDINGS SERVICES
INFORMATION NEEDS ASSESSMENT

16 APRIL 1986

EXECUTIVE SUMMARY

The purpose of this report, an Information Needs Assessment was to prepare a foundation upon which the School Buildings Services Branch can undertake a plan for office automation. An interesting yet complicating parameter during the study was that change in terms of the use of microcomputers and information storage was already in progress, and equipment was ordered.

This exercise is complimentary to the work of two senior committees within the Department:

(a) the Electronic Information Processing Needs Study Steering Committee which is charged with the responsibility of steering a study by an external consultant which will provide a background rationale needed to support tactical decisions made with respect to the selection of hardware, software, and systems. It is not to provide a data model for a departmental information system;

(b) the Electronic Information Processing Task Force which is charged with the responsibility of examining through its own investigation using a review of literature and an examination of existing Departmental functions with respect to electronic information processing.

This study of the School Buildings Services Branch provides an examination of information flows and activities which can be assisted with automation at the level of a Branch, consequently adding a dynamic bridge to the other two studies.

This study was conducted in two phases. The first phase included all components noted in the first five sections, in essence a background for the rest of the examination. It involved an examination of the organization of the School Buildings Services Branch, its functional objectives, the physical environment of the Branch, and the data and information flows within it.

The second phase involved a time log survey and suggestions for future preparation of any plan for automation of the activities of the Branch.

This report contains the following sections:

Section 1. Introduction: wherein the purpose of the assignment and research activities are described; and the acronym GRATIS is discussed.

Section 2. The School Buildings Services Branch: wherein the organization, operations, key responsibility areas (KRA's), and physical environment of the Branch are described.

Section 3. Flows and Processes: wherein functions, processes, and data and information flows are described.

Section 4. Analogue of the Branch: wherein a model of the Branch is prepared and displays what occurs within the Branch in terms of the acronym GRATIS.

Section 5. Observations and Comments: wherein a summary of background is made to complete the overview prerequisite to an analysis of time spent on certain activities.

Section 6. Time Log Survey: wherein a survey of all members of the Branch ascertained what portions of each member's time was spent during the conduct of specified activities.

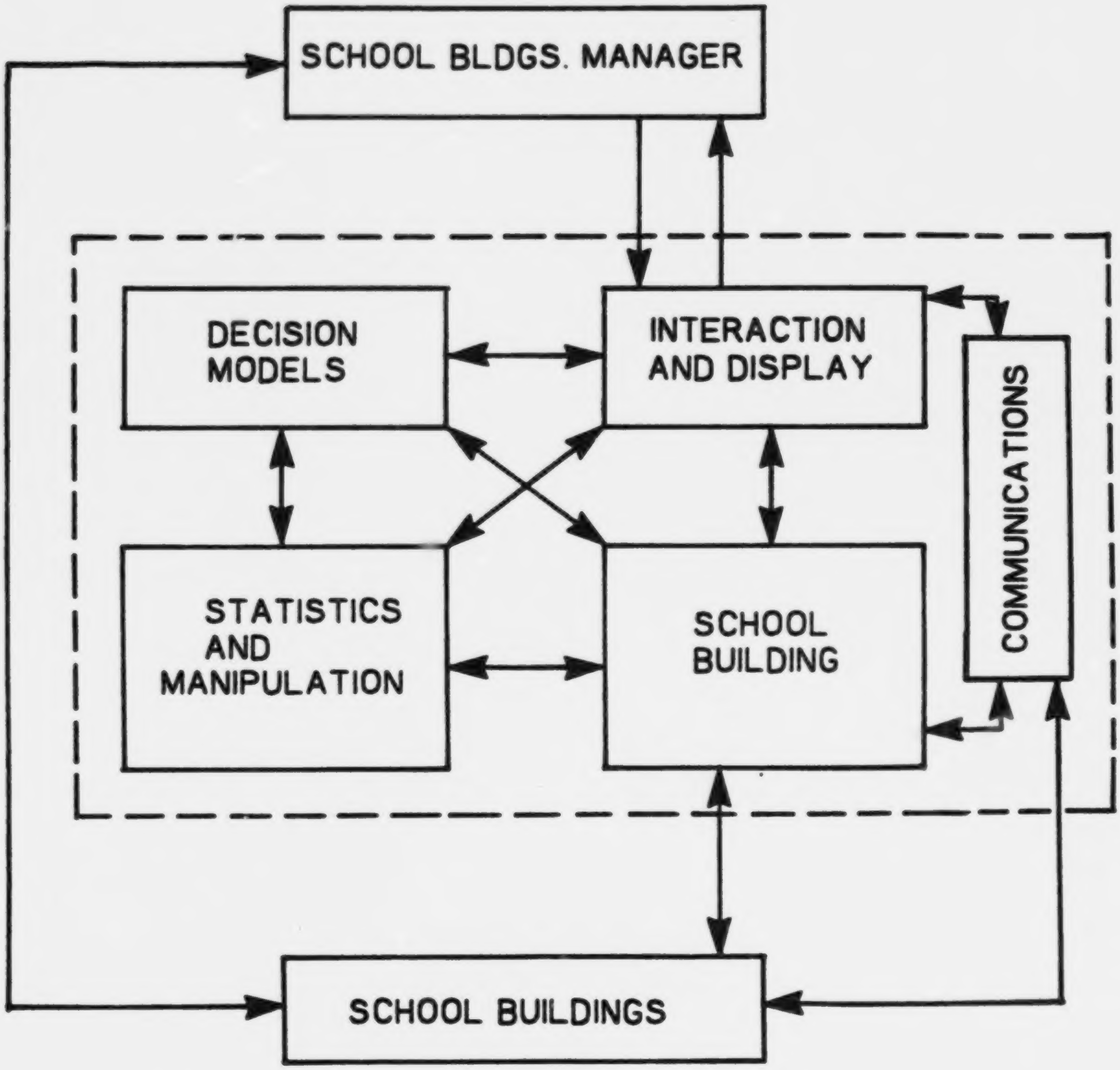
Section 7. Applications and Potential Alterations: wherein general automation requirements of the Branch and its two sections are considered.

Section 8. A Framework for a Plan of Automation: wherein the report is concluded with comments about future directions, leading to the formulation of a model of a school buildings capital decision support system to be used within the Branch. The model is noted in Figure ES 1 and acknowledges that the development of software is rapidly approaching the level of integration of functions that are displayed. The implication is that the Branch and the Department both will have an opportunity to consider what configurations and redevelopment are appropriate. An outline of a method by which planning for any automation is included in Section 8.

The intention of proposing a decision support model includes an assumption that the Department too will desire to have linkages between the School Buildings Services Branch and other groups both within and external to the Department. The type of local area network envisaged for the Branch is displayed in

FIGURE ES 1

SCHOOL BUILDINGS CAPITAL DECISION SUPPORT SYSTEM MODEL


SCHOOL BLDGS. MANAGER
DECISION MODELS
INTERACTION AND DISPLAY
COMMUNICATIONS
STATISTICS AND MANIPULATION
SCHOOL BUILDING
SCHOOL BUILDINGS

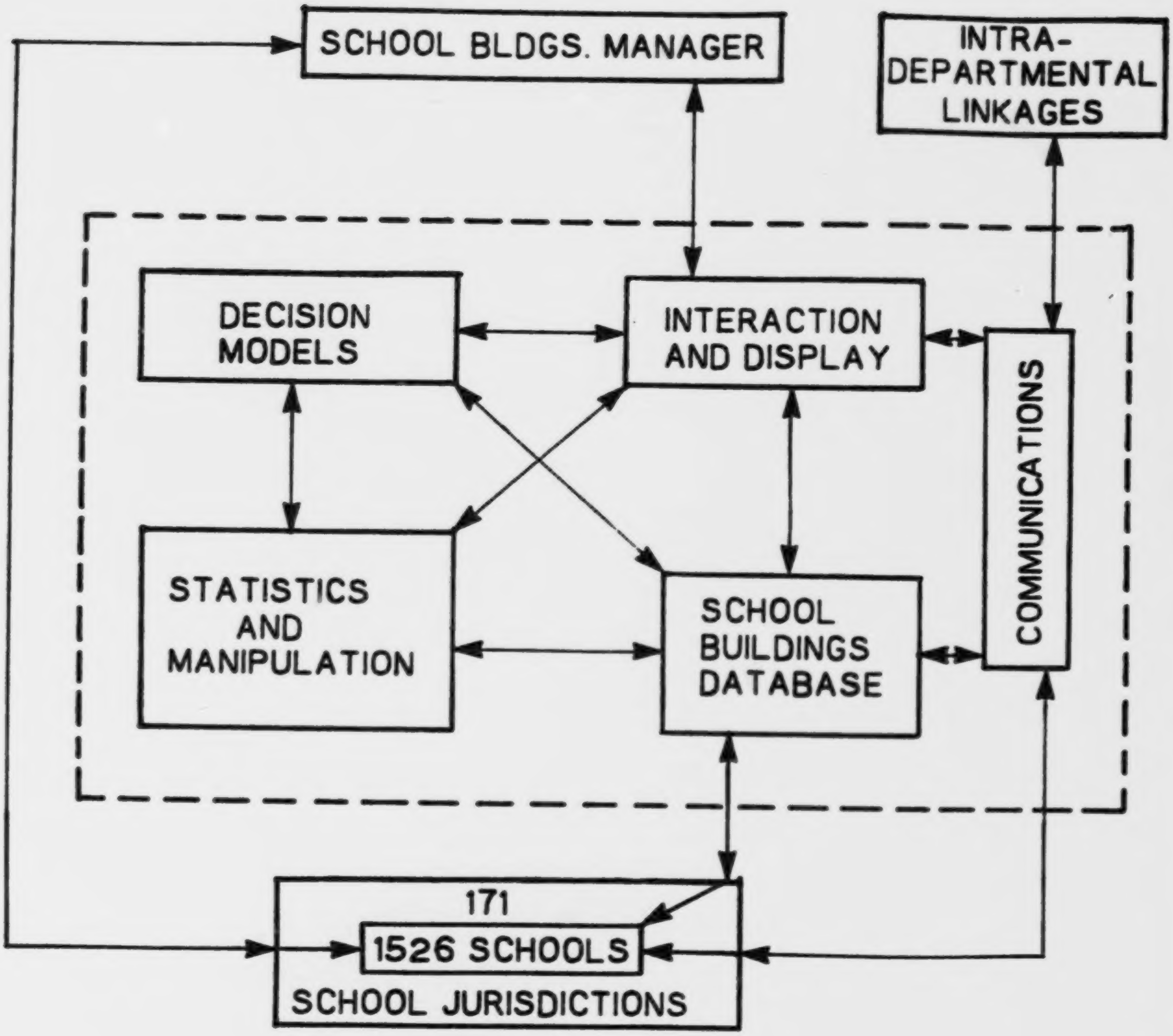
BASED ON TREACY (1985)

Figure ES 2. A concept of an extended network is displayed in Figure ES 3.

The material gathered for this report suggests strongly that automation is appropriate for the School Buildings Services Branch. Attention must be directed towards attaining goals that support efficiency, relieve tedium, and offer the prospect of transforming current levels of analysis into more sophisticated methods, supported by rapid access to substantial warehouses of information.

FIGURE ES 1

SCHOOL BUILDINGS CAPITAL DECISION SUPPORT SYSTEM MODEL


SCHOOL BLDGS. MANAGER
INTRA-DEPARTMENTAL LINKAGES
DECISION MODELS
INTERACTION AND DISPLAY
COMMUNICATIONS
STATISTICS AND MANIPULATION
SCHOOL BUILDINGS DATABASE
171
1526 SCHOOLS
SCHOOL JURISDICTIONS

BASED ON TREACY (1985)

FIGURE ES 2

BRANCH LOCAL AREA NETWORK

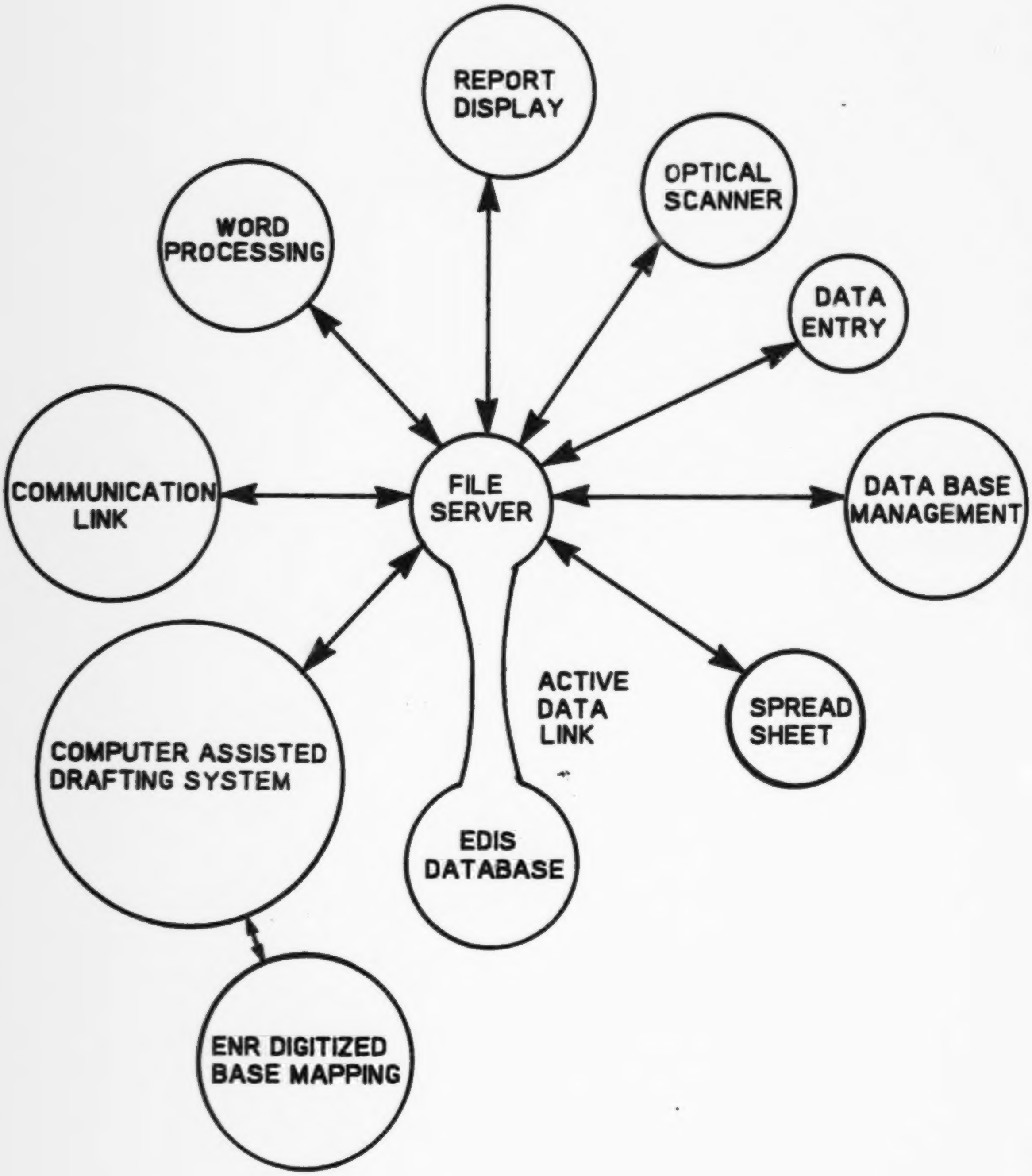

REPORT DISPLAY
OPTICAL SCANNER
WORD PROCESSING
DATA ENTRY
COMMUNICATION LINK
FILE SERVER
DATA BASE MANAGEMENT
ACTIVE DATA LINK
SPREAD SHEET
COMPUTER ASSISTED DRAFTING SYSTEM
EDIS DATABASE
ENR DIGITIZED BASE MAPPING

FIGURE ES 3

EXTERNAL LINKAGES

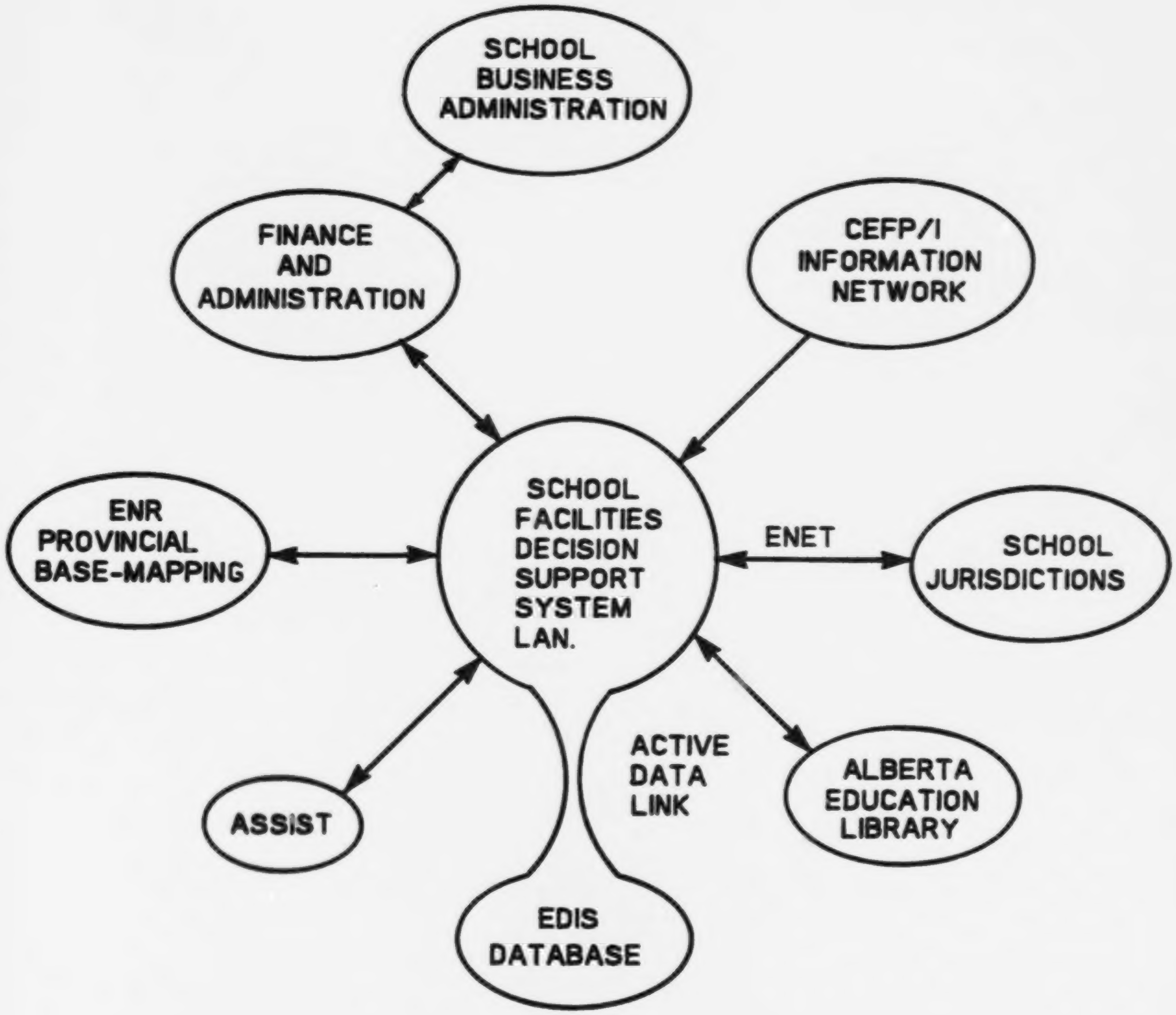

SCHOOL BUSINESS ADMINISTRATION
FINANCE AND ADMINISTRATION
CEFP/I INFORMATION NETWORK
ENR PROVINCIAL BASE-MAPPING
SCHOOL FACILITIES DECISION SUPPORT SYSTEM LAN.
ENET
SCHOOL JURISDICTIONS
ACTIVE DATA LINK
ALBERTA EDUCATION LIBRARY
ASSIST
EDIS DATABASE

TABLE OF CONTENTS

VOLUME 1. INFORMATION NEEDS ASSESSMENT REPORT

		Page
	EXECUTIVE SUMMARY	ES 1
	TABLE OF CONTENTS	i
SECTION 1.	INTRODUCTION	1
SECTION 2.	THE SCHOOL BUILDINGS SERVICES BRANCH	3
SECTION 3.	PROCESSES AND FLOWS	8
SECTION 4.	ANALOGUE OF THE BRANCH	16
SECTION 5.	OBSERVATIONS AND COMMENTS	17
SECTION 6.	TIME LOG SURVEY	20
SECTION 7.	APPLICATIONS AND POTENTIAL ALTERATIONS	27
SECTION 8.	A FRAMEWORK FOR A PLAN OF AUTOMATION	31

TABLE OF CONTENTS

VOLUME 2. APPENDICES

		Lead Appendix
APPENDIX A.	An Overview of Responsibilities and Activities of Each Position in the School Buildings Services Branch	A1
APPENDIX B	Data Acquired from BQRP Process	B1
APPENDIX C	Data Acquired from Sample Facility Evaluation Reports	C1
APPENDIX D	EDIS Database Reports	D1
APPENDIX E	Forms by which Data are Acquired by the School Buildings Services Branch and Summary of Data Acquired by Each Form	E1
APPENDIX F	Capital Plan and Status of Debenture Reports	F1
APPENDIX G	Enrolments: Summary Tabulations	G1
APPENDIX H	Summary Sheet for Calculating Capacity, Operating Capacity, Enrolments, Utilization, and Utilization Factors	H1
APPENDIX I	Summary of Pilot Spreadsheet for Operating Capacity, Total Enrolment, Utilization, U Factor, E Factor, and Product of U Factor and E Factor	I1
APPENDIX J	Energy Conservation Data/Information	J1
APPENDIX K	Typical Material Supplied by the School Buildings Service Branch for the Department's Annual Reports	K1

TABLE OF CONTENTS
(continued)

VOLUME 2. APPENDICES

		Lead Appendix
APPENDIX L	Fire Warden Information	L1
APPENDIX M	'Field Packages'	M1
APPENDIX N	G.R.A.T.I.S. Survey Components	N1
APPENDIX O	Linkages by Position: Intra-Branch/ Branch - Department/Branch - External to Department	O1
APPENDIX P	Time Spent on G.R.A.T.I.S. by Individuals and Groups	P1
APPENDIX Q	Minimum Requirements for a Branch System	Q1
APPENDIX R	Relevant Sources of Electronic Information	R1
APPENDIX S	Sources of Information/Assistance	S1
APPENDIX T	List of Data Acquired by Capital Program Area	T1
APPENDIX U	Potential School Decision Model	U1

SECTION 1

INTRODUCTION

The purpose of the exercise is to identify what are the information needs of the School Buildings Services Branch prior to formulating any plans for office automation. The approach adopted in this review was that the School Building Services Branch was a subcomponent of a system within a larger system, i.e. Alberta Education, and thus the Branch could be described in terms of a system. When viewing data and information flows in this context it implies that activities occur at various nodes and sub-nodes within the system and that data and information are transmitted along definable paths of communication. It acknowledges that there are formal mechanisms by which activities within the Branch are classified.

The first phase of the investigation examined in general terms the Branch, and the data and information flows within it.

Items reviewed were:

(i) the organizational structure of the Branch;
(ii) the functional purpose of the Branch;
(iii) activities within the Branch;
(iv) the routes of communications, and linkages between nodes/sub-nodes of activities, as well as data and information storage areas in the Branch. The initial consideration was the following: Nodes were associated with individuals or groups who prepare major activities in terms of accomplishing functions. Sub-nodes were associated with others within the Branch who provide support functions of significance to information management.

The above mentioned activities permit a detailed review of data and information flows. The acronym GRATIS has been coined for this exercise. GRATIS stands for:

G - generation of primary data;
R - retrieval of data/information from a secondary source, i.e. a storage area;
A - acquisition of data/information from a primary source, i.e. recipient of distributing agent;
T - transformation of data into usable information;
I - interaction, (i.e.) communicating/disseminating;
S - storage of data/information on an appropriate medium.

The outcome has been the preparation of an analogue of the Branch, or model of the network within which data and information are acquired, generated, transformed, stored, retrieved and disseminated. Such a description is a first step towards identifying what activities lend themselves to automation.

The second phase involved a time log survey and suggestions for future preparation of any plan for automation of the activities of the Branch.

SECTION 2

THE SCHOOL BUILDINGS SERVICES BRANCH

Background

Taken from its own Mission Statement, the Alberta Department of Education administers the funding of school facilities and operations in such a manner as to maximize local autonomy and educational equality. This provides the School Buildings Services Branch with the purpose of administering departmental policies pertaining to the provision of new schools, and the maintenance and upgrading of existing school buildings. Thus, the Branch has three main functions:

(i) to allocate funds for school buildings;
(ii) to provide school facility planning capabilities to support local school boards;
(iii) to establish improvements in departmental policy and procedures.

To accomplish the Branch's purposes, formal procedures have been established. School boards may requisition funds through application, addressed to three programs that the Branch administers. Response to the applications invokes the activities of the School Buildings Services Branch, which provides administrative support for the School Buildings Board. By definition, the function of responding necessitates that information be exchanged among school boards and the Branch, possibly at frequent intervals, but generally during defined steps in the applications' processes. The approval and allocation of provincial capital support for school buildings has required that monitoring mechanisms be established to ensure responsible stewardship. The School Buildings Board is a decision-making body which is vested with the responsibility for school capital approvals and allocations. Information exchanges in the broadest sense between the Branch and other groups also can be expected.

A Review of Branch Operations

The purpose of the Branch is:

(a) to assist school boards as autonomous corporate bodies to plan, build, operate and maintain school buildings in order to facilitate the desired school program;

(b) to enable school boards to access government support for educational facilities in accordance with the provisions of The Alberta Act, The Department of Education Act, The School Act, The School Buildings Act, and other relevant statutes, and regulations, policies and guidelines pursuant thereto;

(c) to provide a planning and information capability for the purpose of assisting departmental and local authorities in planning for the provision and utilization of school facilities.

To fulfil this purpose, the mission of the Branch includes five Key Responsibility Areas (KRA's). The first two are important in terms of information needs. They are:

KRA 1

(i) To develop, implement and evaluate programs designed to assist school boards to plan, build, operate, and maintain school buildings in accordance with appropriate statutes and regulations of the Government of Alberta.

(ii) To establish a capability for processing all school board applications relative to school facilities in accordance with the laws and regulations of the Government of Alberta as they pertain to school facilities (i.e. The Alberta Act, The School Act, The Department of Education Act, and The School Buildings Act).

(iii) To convene regularly the School Buildings Board for the purpose of deciding upon applications made by school boards to add to, and to alter their inventory of school space.

KRA 2

To establish a planning capability for the purpose of:

a) assisting local authorities in the planning for providing, and utilizing school facilities;

b) facilitating the administration of laws and regulations pertaining to school facilities. (Where school boards lack the capabilities for completing all aspects of the planning required to provide and maintain school facilities, the Branch provides assistance and at the same time ensures that statutes and regulations are adhered to.)

KRA 3

To establish capabilities for:

a) maintaining effective and efficient practices and procedures in the Branch;

b) effectively interfacing with the needs, programs and services of other government departments or agencies.

KRA 4

To foster professional development and advancement of personnel of the Branch.

KRA 5

To develop and maintain a capability for effectively responding to emergent needs and special assignments.

The relation of staffing positions and KRA's is displayed in Table 1. Only the major areas of responsibility are shown and it is quite likely that greater participation in all KRA's would be shown by both Associate Directors if the minor areas of responsibility were shown. Automation most likely would assist all KRA's with the exception of KRA 4.

Organization of the School Buildings Services Branch

Principal members of the Branch are the Director and two Associate Directors, as shown in Figure 1. Two broad service areas are:

a) **Administrative Services**, whereby members of the Branch deal with programs that provide financial support for school buildings, specifically new construction and restoration;

b) **Policy, Planning and Technical Services**, whereby members of the Branch provide expertise to local boards regarding matters of facility planning, energy conservation and school building modernization, as well as providing for the Branch's input into public policy as it affects the operations of the Branch and Department.

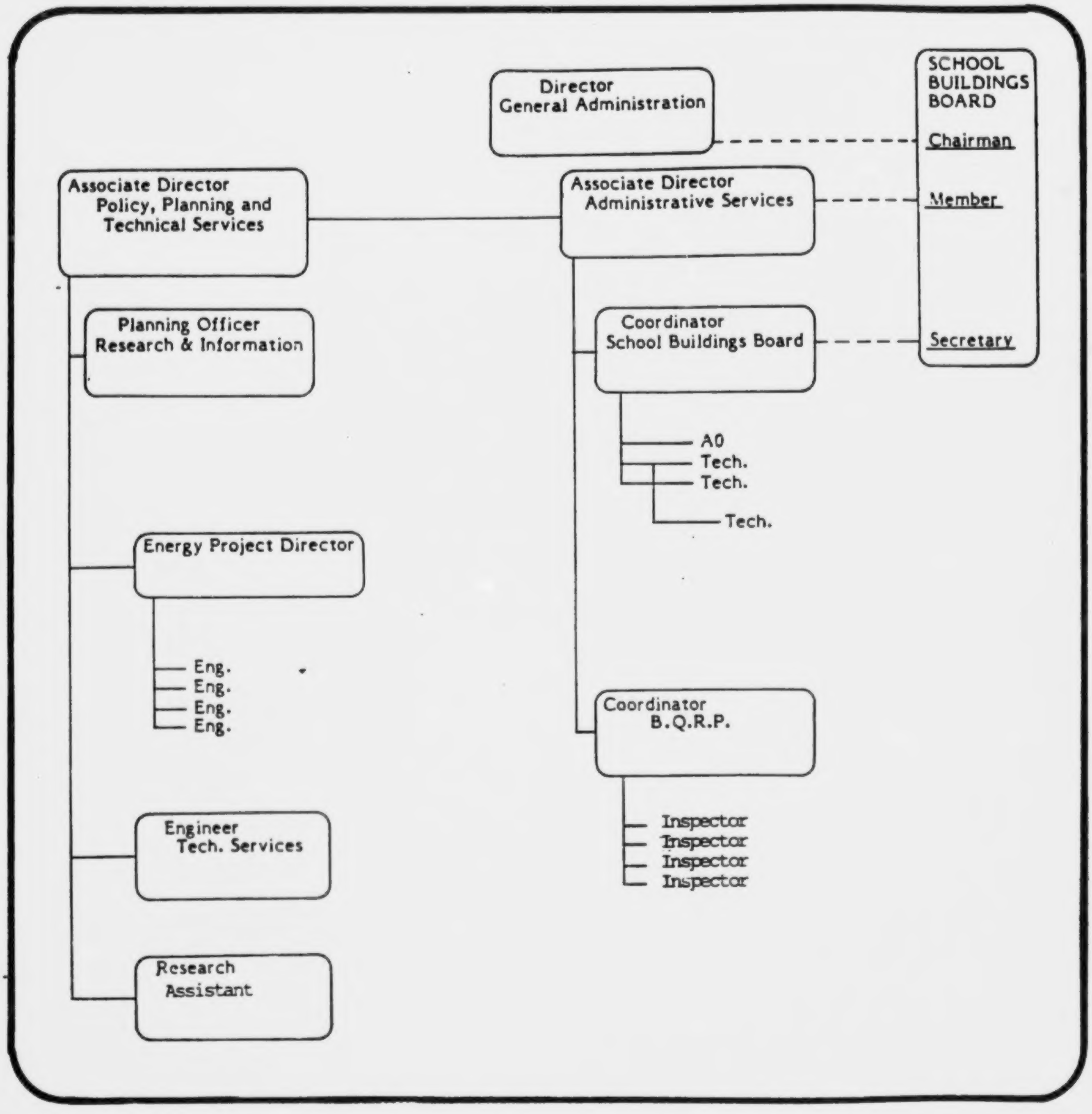
TABLE 1

LINKAGES AMONG POSITIONS IN THE SCHOOL BUILDING SERVICES BRANCH AND KEY RESPONSIBILITY AREAS

Group & Position	KRA 1	KRA 2	KRA 3	KRA 4	KRA 5
Director	x	x	x	x	x
Assoc. Dir Policy, Plg. and Tech'l	x	x		x	
Planning Officer	x	x	x		x
Energy Proj. Dir	x	x		x	
Energy Engineers		x			
Engineer Tech. Serv.	x	x			
Researcher	x	x	x		x
Assoc. Dir Admin. Serv.	x			x	x
Co-Ordinator Sch.Bldgs.Bd	x	x	x		
Admin. Off'r	x	x	x		x
Senior Tech	x	x	x		x
Senior Tech	x	x	x		x
Draft Tech	x	x			
Co-Ordinator B.Q.R.P.	x	x			
Construction Inspectors	x	x			

FIGURE 1

SCHOOL BUILDING SERVICES BRANCH ORGANIZATIONAL CHART


Director General Administration
SCHOOL BUILDINGS BOARD
Chairman
Member
Secretary
Associate Director Policy, Planning and Technical Services
Associate Director Administrative Services
Planning Officer Research & Information
Coordinator School Buildings Board
A0
Tech.
Tech.
Tech.
Energy Project Director
Eng.
Eng.
Eng.
Eng.
Coordinator B.Q.R.P.
Inspector
Inspector
Inspector
Inspector
Engineer Tech. Services
Research Assistant

The Administrative Services Group

This group consists of an Associate Director, two co-ordinators (the Secretary of the School Buildings Board, and the Co-ordinator of the Building Quality Restoration Program) and a total of eight subordinates. The Secretary of the School Buildings Board is administratively responsible for the New Construction program. Four positions are subordinate to this co-ordinator and include one administrative officer, two senior technologists and one drafting technologist. Details of responsibilities and activities of each position are included in Appendix A.

The other co-ordinator is in charge of the Building Quality Restoration Program (BQRP). Four building inspectors report to this co-ordinator. The inspectors administer the small scale modernization projects (not exceeding $100,000), inspections of buildings under the BQRP Regulations and final inspections of school construction projects.

Five support staff, e.g. secretarial and word processing, report within this group.

The Policy, Planning and Technical Services Group

This group consists of an Associate Director, a Planning Officer, an Energy Project Director, an Engineer responsible for technical services, and a research assistant. Three field engineers report to the Energy Project Director. Additionally four support staff, e.g. secretarial, report within this group.

Physical Environment of the Branch

The location and linkages among personnel of the Branch are noted in Figure 2. The Branch occupies the western half of the ninth floor of the Devonian Building.

Existing Automation

Three different types of automated systems support the activities of the Branch. They are:

(i) two Xerox 860 word processing units;

(ii) an IBM 3270 PC recently acquired to arrange databases and provide statistical functions, as well as connect to EDIS;

FIGURE 2

LOCATION OF MAJOR FUNCTIONS WITHIN THE SCHOOL BUILDING SERVICES BRANCH

SERVICES

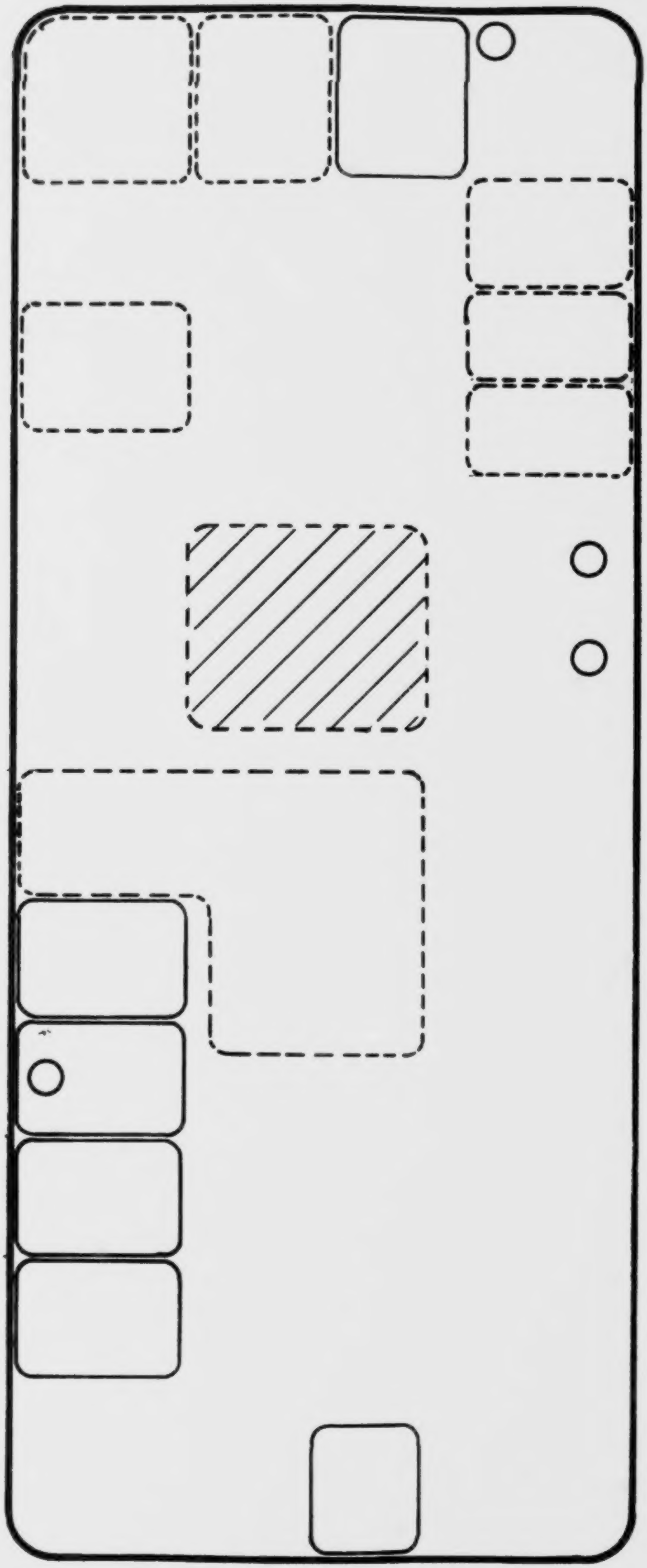
☐ POLICY,PLANNING AND TECHNICAL SERVICES

⬚ ADMINISTRATIVE SERVICES

TECHNICAL SUPPORT

▨ WORD PROCESSING EQUIPMENT (LINKED TO PRINTER)

○ MICRO COMPUTERS (INDEPENDENT)



(iii) Apple microcomputers (two IIe's, one of which is borrowed from another Branch, one II plus that is available to the energy consultant who is located in Edmonton Regional Office of Education, and one IIc) that have been used mainly for energy conservation calculations and enrolment projections, and their software has been used extensively for database, spreadsheet and word processing functions during research assignments;

(iv) electronic typewriters that have been used for daily typing and one of which is of suitable configuration to provide letter quality printing for the Apple microcomputers;

(v) a large mainframe computer located in the Terrace Building, remote and not connected to the Branch. The mainframe houses the EDIS database.

The word processing units are relied on heavily for correspondence regarding the outcome of applications to the various supporting programs administered by the Branch, planning and research projects, and action requests.

Initial observation indicates that there is a physical separation among some group leaders and subordinates. The existing spatial arrangement of personnel may not be optimal. The most unfortunate outcome of this approach to automation is that none of the various types of business equipment can exchange their contents in memory.

SECTION 3

PROCESSES AND FLOWS

As a means to explore qualitatively what data and information flow into, within, and from the Branch three steps have been taken.

First, the exercise explored what activities are present at each node of the Branch. An example would be the activities associated with a request for funds through a specific program administered by the Branch.

Second, the locations of storage of data/information were noted. Additionally, note was made of the medium, e.g. standard size paper, diskette, and EDP output that was used to store or convey data/information.

Third, the exercise noted what data and information flow to, from, and within the nodes of the Branch as they pertain to the accomplishment of activities that are associated with all of the KRA's with the exception of KRA 4, which was believed to not generate many activities that would be assisted by automation.

The third step included a review of what happens at each node of activity in terms of the other ingredients of the acronym GRATIS, and noted what flows occurred.

General Processes of Capital Programs

Three functions that are associated with KRA 1(ii) are the capital programs for school buildings which are: (i) new construction; (ii) modernization; and (iii) Building Quality Restoration program. School disposal evaluation is a fourth function of the Branch which is not associated with a specific capital program. The locations of personnel who participate in each function are displayed in Figure 3. It is evident that one individual, such as the administrative officer, or the director have input into more than one function.

New Construction

Assuming that an application is not rejected by the School Buildings Board, twenty-nine steps have been identified with the approval and allocation of funds for new construction, as displayed in Figure 4. The process is initiated by the receipt of

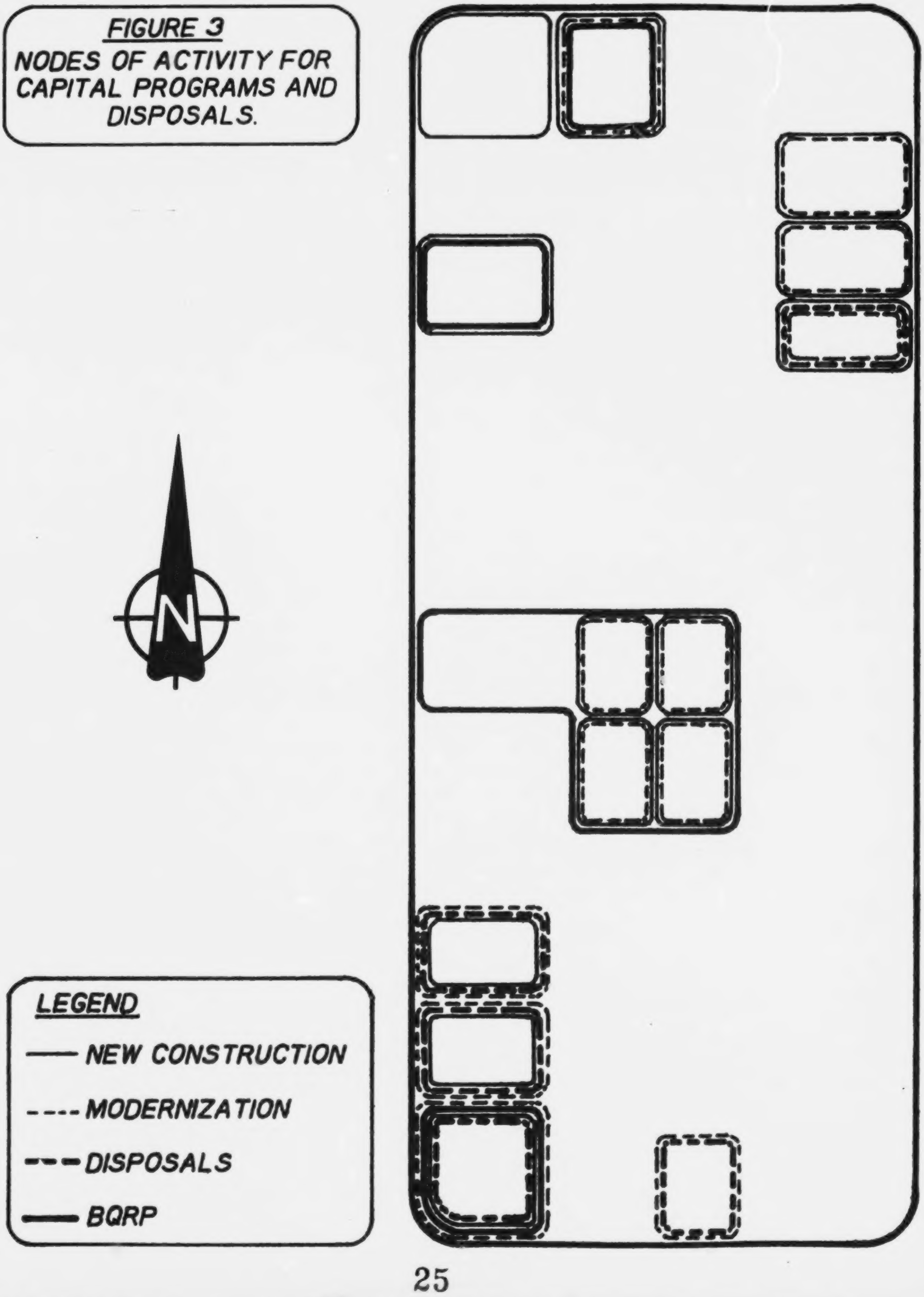
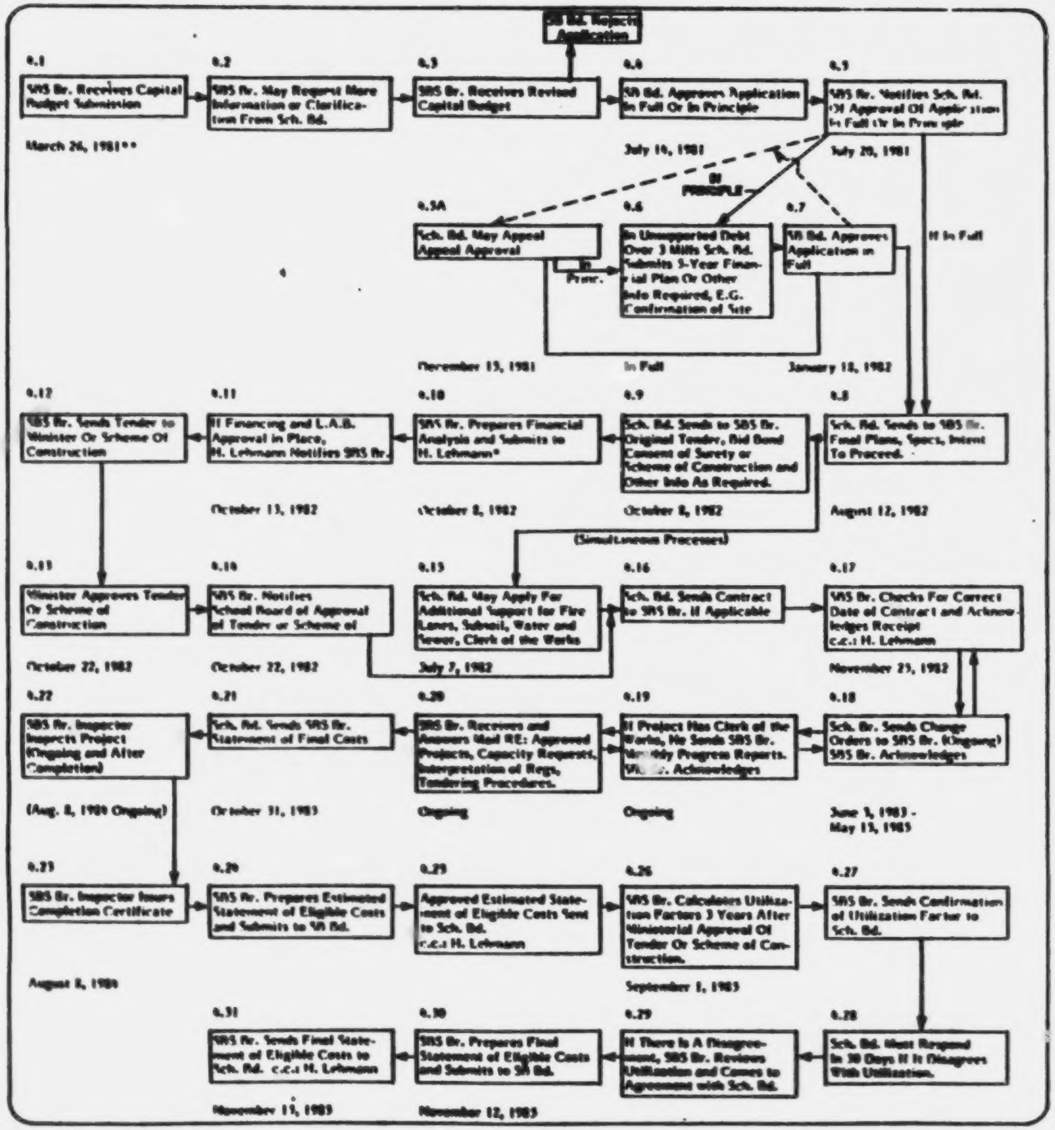


FIGURE 3
NODES OF ACTIVITY FOR CAPITAL PROGRAMS AND DISPOSALS.

N
LEGEND
NEW CONSTRUCTION
MODERNIZATION
DISPOSALS
BQRP

FIGURE 4 EXAMPLE OF DURATION OF NEW CONSTRUCTION PROJECT


SB Bd. Rejects Application
4.1
SBS Br. Receives Capital Budget Submission
March 26, 1981**
4.2
SBS Br. May Request More Information or Clarification From Sch. Bd.
4.3
SBS Br. Receives Revised Capital Budget
4.4
SB Bd. Approves Application In Full Or In Principle
July 14, 1981
4.5
SBS Br. Notifies Sch. Bd. Of Approval Of Application In Full Or In Principle
July 20, 1981
IN PRINCIPLE
If In Full
4.5A
Sch. Bd. May Appeal Appeal Approval
In Princ.
December 15, 1981
4.6
In Unsupported Debt Over 3 Mills Sch. Bd. Submits 5-Year Financial Plan Or Other Info Required, E.G. Confirmation of Site
In Full
4.7
SB Bd. Approves Application in Full
January 18, 1982
4.8
Sch. Bd. Sends to SBS Br. Final Plans, Specs, Intent To Proceed.
August 12, 1982
4.9
Sch. Bd. Sends to SBS Br. Original Tender, Bid Bond Consent of Surety or Scheme of Construction and Other Info As Required.
October 8, 1982
4.10
SBS Br. Prepares Financial Analysis and Submits to H. Lehmann*
October 8, 1982
4.11
If Financing and L.A.B. Approval in Place, H. Lehmann Notifies SBS Br.
October 13, 1982
4.12
SBS Br. Sends Tender to Minister Or Scheme Of Construction
(Simultaneous Processes)
4.13
Minister Approves Tender Or Scheme of Construction
October 22, 1982
4.14
SBS Br. Notifies School Board of Approval of Tender or Scheme of
October 22, 1982
4.15
Sch. Bd. May Apply For Additional Support for Fire Lanes, Subsoil, Water and Sewer, Clerk of the Works
July 7, 1982
4.16
Sch. Bd. Sends Contract to SBS Br. If Applicable
4.17
SBS Br. Checks For Correct Date of Contract and Acknowledges Receipt c.c.: H. Lehmann
November 23, 1982
4.18
Sch. Br. Sends Change Orders to SBS Br. (Ongoing) SBS Br. Acknowledges
June 3, 1983 - May 15, 1985
4.19
If Project Has Clerk of the Works, He Sends SBS Br. Monthly Progress Reports. SBS Br. Acknowledges
Ongoing
4.20
SBS Br. Receives and Answers Mail RE: Approved Projects, Capacity Requests, Interpretation of Regs, Tendering Procedures.
Ongoing
4.21
Sch. Bd. Sends SBS Br. Statement of Final Costs
October 31, 1985
4.22
SBS Br. Inspector Inspects Project (Ongoing and After Completion)
(Aug. 8, 1984 Ongoing)
4.23
SBS Br. Inspector Issues Completion Certificate
August 8, 1984
4.24
SBS Br. Prepares Estimated Statement of Eligible Costs and Submits to SB Bd.
4.25
Approved Estimated Statement of Eligible Costs Sent to Sch. Bd. c.c.: H. Lehmann
4.26
SBS Br. Calculates Utilization Factors 3 Years After Ministerial Approval Of Tender Or Scheme of Construction.
September 1, 1985
4.27
SBS Br. Sends Confirmation of Utilization Factor to Sch. Bd.
4.28
Sch. Bd. Must Respond In 30 Days If It Disagrees With Utilization.
4.29
If There Is A Disagreement, SBS Br. Reviews Utilization and Comes to Agreement with Sch. Bd.
4.30
SBS Br. Prepares Final Statement of Eligible Costs and Submits to SB Bd.
November 12, 1985
4.31
SBS Br. Sends Final Statement of Eligible Costs to Sch. Bd. c.c.: H. Lehmann
November 15, 1985

* School Business Administration Branch

** Timing of Project: Holy Trinity Sr. High (Edmonton R.C.S.S.D. No. 7) 1982 a capital budget submission by the School Buildings Services Branch.

Should the school board wish to appeal any decision of the School Buildings Board, there is an appeal procedure that adds to the number of steps in the process. Should the proposal receive approval in principle, an additional two steps are added to the process.

Modernization

Twenty-nine steps have been identified with the approval and allocation of funds for a modernization project, assuming that the application is not rejected by the School Buildings Board, as displayed in Figure 5. The process is initiated by the receipt of a capital budget submission by the School Buildings Services Branch. There is an appeal process that adds to the number of steps that an application can follow.

Should the maximum government support be less than or equal to $100,000, eleven of the steps that involve the tendering of the project and approvals associated with the scheme of construction are eliminated. The BQRP inspectors report on these smaller modernization projects.

Depending upon the scale of the support of the project, correspondence and information flow to and from the School Building Services Branch on a regular or irregular basis, as noted in the latter steps of the process displayed in Figure 5.

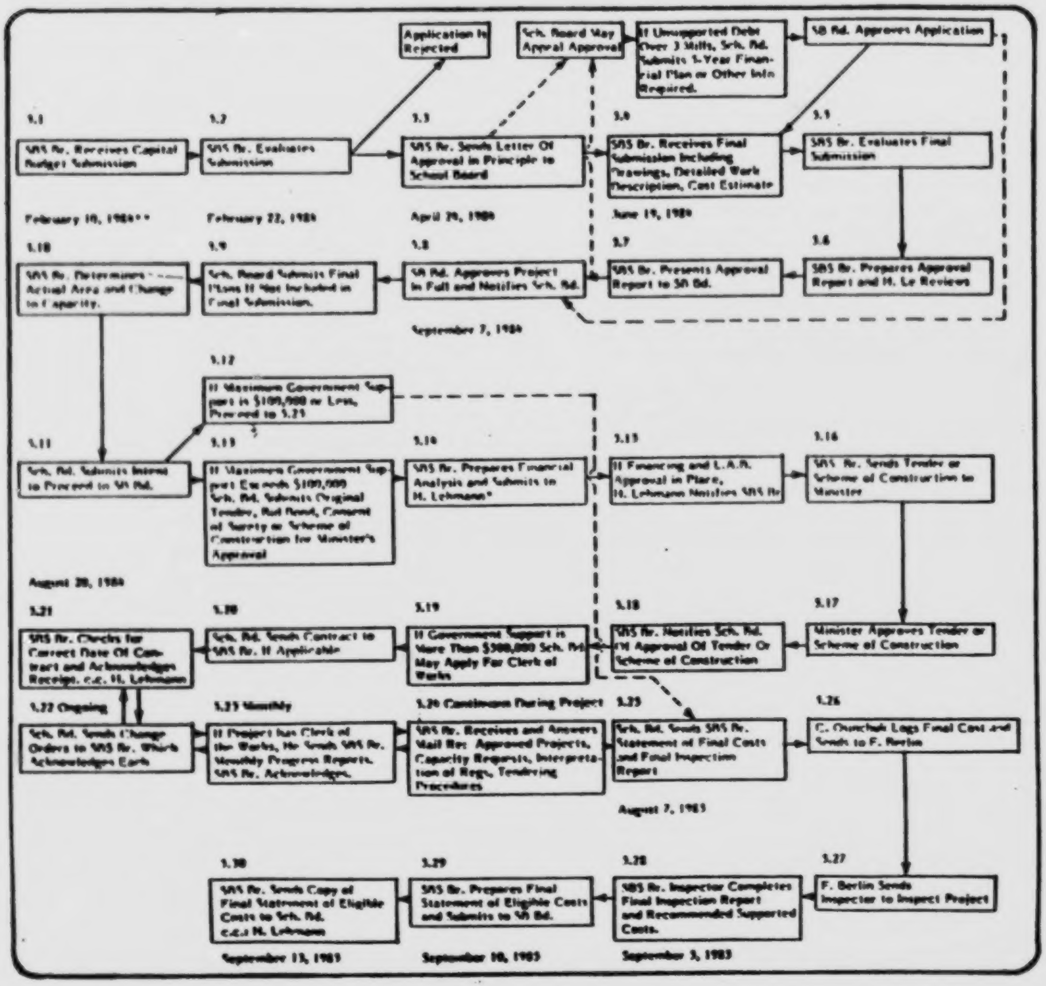
Building Quality Restoration

Assuming that the application is not rejected, seventeen steps have been identified with the approval and allocation of funds for a building quality restoration project, as displayed in Figure 6. There are shortcuts within the process, such as applications under emergency conditions or for handicapped and energy conservation provisions, which reduce the standard process by three steps. Also should the maximum government support not exceed $100,000, an additional six steps are eliminated by passing the tendering component of the process.

Generally the process is initiated through receipt of applications and summary forms from the school boards prior to the end of the fiscal year (31 March) by the School Buildings Services Branch. The applications are for the following year of the program.

BEST COPY AVAILABLE

FIGURE 5 EXAMPLE OF PROCEDURES OF MODERNIZATION PROJECT

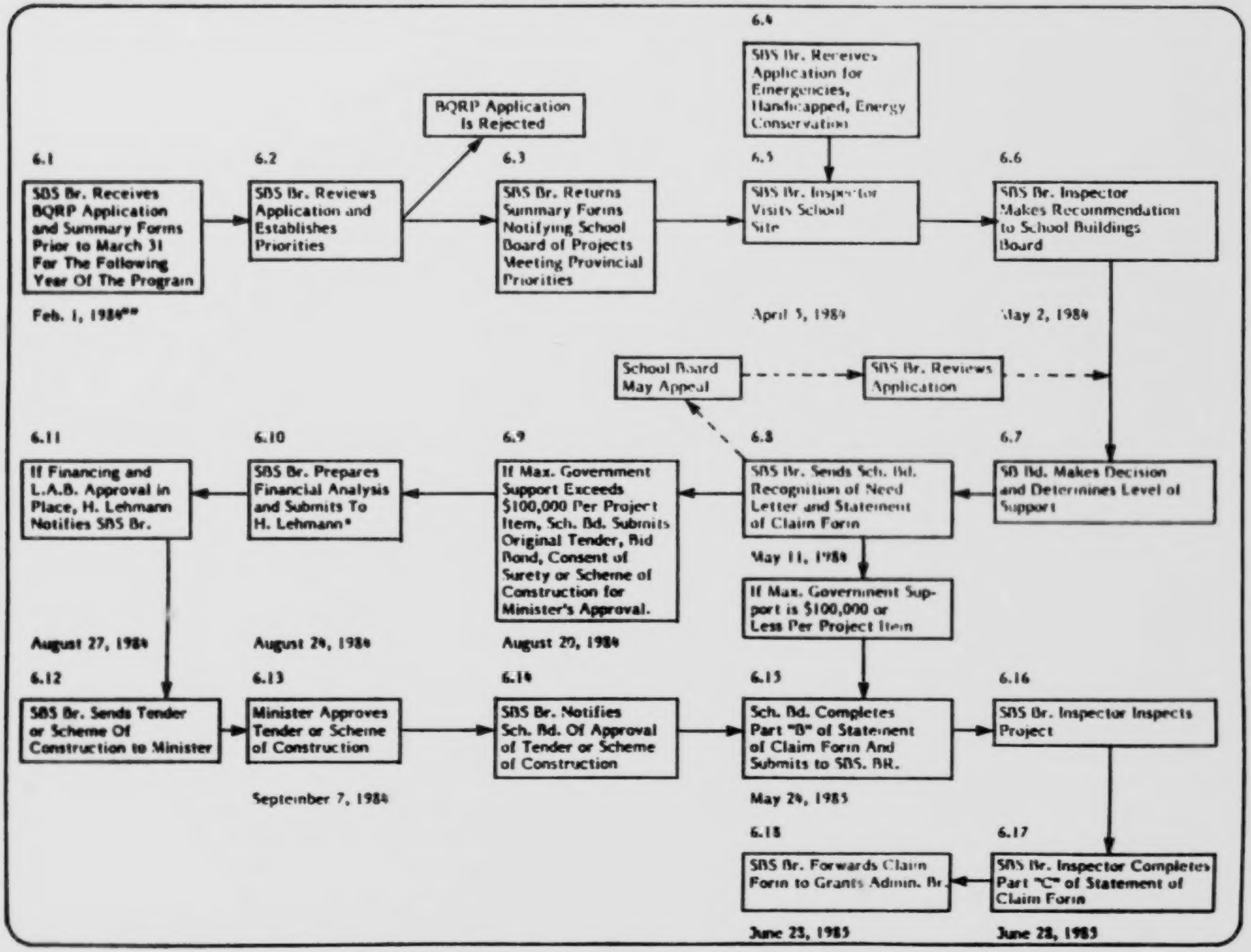

5.1
SBS Br. Receives Capital Budget Submission
February 10, 1984**
5.2
SBS Br. Evaluates Submission
February 22, 1984
Application Is Rejected
5.3
SBS Br. Sends Letter Of Approval in Principle to School Board
April 29, 1984
Sch. Board May Appeal Approval
If Unsupported Debt Over 3 Mills, Sch. Bd. Submits 5-Year Financial Plan or Other Info Required.
SB Bd. Approves Application
5.4
SBS Br. Receives Final Submission Including Drawings, Detailed Work Description, Cost Estimate
June 19, 1984
5.5
SBS Br. Evaluates Final Submission
5.6
SBS Br. Prepares Approval Report and H. Le Reviews
5.7
SBS Br. Presents Approval Report to SB Bd.
5.8
SB Bd. Approves Project in Full and Notifies Sch. Bd.
September 7, 1984
5.9
Sch. Board Submits Final Plans If Not Included in Final Submission.
5.10
SBS Br. Determines Actual Area and Change to Capacity.
5.11
Sch. Bd. Submits Intent to Proceed to SB Bd.
August 28, 1984
5.12
If Maximum Government Support is $100,000 or Less, Proceed to 5.25
5.13
If Maximum Government Support Exceeds $100,000 Sch. Bd. Submits Original Tender, Bid Bond, Consent of Surety or Scheme of Construction for Minister's Approval
5.14
SBS Br. Prepares Financial Analysis and Submits to H. Lehmann*
5.15
If Financing and L.A.B. Approval in Place, H. Lehmann Notifies SBS Br.
5.16
SBS Br. Sends Tender or Scheme of Construction to Minister
5.17
Minister Approves Tender or Scheme of Construction
5.18
SBS Br. Notifies Sch. Bd. Of Approval Of Tender Or Scheme of Construction
5.19
If Government Support is More Than $500,000 Sch. Bd. May Apply For Clerk of Works
5.20
Sch. Bd. Sends Contract to SBS Br. If Applicable
5.21
SBS Br. Checks for Correct Date Of Contract and Acknowledges Receipt. c.c. H. Lehmann
5.22 Ongoing
Sch. Bd. Sends Change Orders to SBS Br. Which Acknowledges Each
5.23 Monthly
If Project has Clerk of the Works, He Sends SBS Br. Monthly Progress Reports. SBS Br. Acknowledges.
5.24 Continuous During Project
SBS Br. Receives and Answers Mail Re: Approved Projects, Capacity Requests, Interpretation of Regs, Tendering Procedures
5.25
Sch. Bd. Sends SBS Br. Statement of Final Costs and Final Inspection Report
August 7, 1985
5.26
C. Ouchak Logs Final Cost and Sends to F. Berlin
5.27
F. Berlin Sends Inspector to Inspect Project
5.28
SBS Br. Inspector Completes Final Inspection Report and Recommended Supported Costs.
September 3, 1985
5.29
SBS Br. Prepares Final Statement of Eligible Costs and Submits to SB Bd.
September 10, 1985
5.30
SBS Br. Sends Copy of Final Statement of Eligible Costs to Sch. Bd. c.c.: H. Lehmann
September 13, 1985

* School Business Administration Branch

** Timing of Project: Hillside School Modern. (East Smoky Division No. 54) 1984

BEST COPY AVAILABLE

FIGURE 6 EXAMPLE OF DURATION OF B.Q.R.P. PROJECT


6.1
SBS Br. Receives BQRP Application and Summary Forms Prior to March 31 For The Following Year Of The Program
Feb. 1, 1984**
6.2
SBS Br. Reviews Application and Establishes Priorities
BQRP Application Is Rejected
6.3
SBS Br. Returns Summary Forms Notifying School Board of Projects Meeting Provincial Priorities
6.4
SBS Br. Receives Application for Emergencies, Handicapped, Energy Conservation
6.5
SBS Br. Inspector Visits School Site
April 5, 1984
6.6
SBS Br. Inspector Makes Recommendation to School Buildings Board
May 2, 1984
School Board May Appeal
SBS Br. Reviews Application
6.7
SB Bd. Makes Decision and Determines Level of Support
6.8
SBS Br. Sends Sch. Bd. Recognition of Need Letter and Statement of Claim Form
May 11, 1984
If Max. Government Support is $100,000 or Less Per Project Item
6.9
If Max. Government Support Exceeds $100,000 Per Project Item, Sch. Bd. Submits Original Tender, Bid Bond, Consent of Surety or Scheme of Construction for Minister's Approval.
August 20, 1984
6.10
SBS Br. Prepares Financial Analysis and Submits To H. Lehmann*
August 24, 1984
6.11
If Financing and L.A.B. Approval in Place, H. Lehmann Notifies SBS Br.
August 27, 1984
6.12
SBS Br. Sends Tender or Scheme Of Construction to Minister
6.13
Minister Approves Tender or Scheme of Construction
September 7, 1984
6.14
SBS Br. Notifies Sch. Bd. Of Approval of Tender or Scheme of Construction
6.15
Sch. Bd. Completes Part "B" of Statement of Claim Form And Submits to SBS. BR.
May 24, 1985
6.16
SBS Br. Inspector Inspects Project
6.17
SBS Br. Inspector Completes Part "C" of Statement of Claim Form
June 28, 1985
6.18
SBS Br. Forwards Claim Form to Grants Admin. Br.
June 23, 1985

* School Business Administration Branch

** Timing of Project: Olds Elementary (County of Mountainview No. 17) 1984

Summary Regarding Processes Associated with Capital Programs

Each capital program necessitates considerable work by the members of the Branch which can span a great deal of time. Sample durations of each type of capital program have been superimposed upon Figures 4, 5, and 6. Generally, members of the Branch believe that an average duration for a new construction project is about two years rather than the five years illustrated. Although extreme, the example used involved litigation, and does indicate that files, hence data/information must remain `active' for five years.

These examples serve to illustrate the extent of the paper work and the duration of each file that is required to support each project per school.

Another important consideration regarding automation, specifically the nature of tabulations, is the impact of decision-making upon the parameters of description and comparison, e.g. floor areas, enrolment, utilization, the status of debentures, and others. Each change to one component of a particular school alters all other parameters of the school, the school jurisdiction, and the province. Alterations to the basic parameters of description and comparison will not just affect decision-making in an on-going fashion but will play a role in future decisions as supportive budgets are arranged for each program at the beginning of the fiscal cycle.

Another Information Generator - The Disposal Process

Four steps have been identified with the general process associated with a school building disposal and are displayed in Figure 7.

Generally the process is initiated through receipt of a request from a school board by the School Buildings Services Branch.

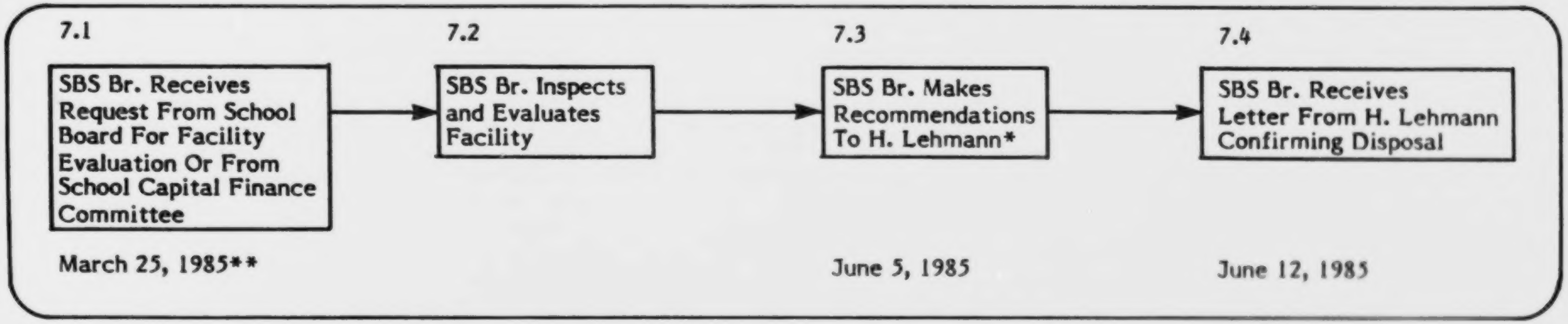
Data and Information Flows

Locations of Data/Information Storage within the Branch

Ten general categories of data/information were considered in this exercise. The were:

a) School Buildings Board Minutes;
b) Building Quality Restoration Program files;
c) Modernization files;

FIGURE 7 EXAMPLE OF DURATION OF DISPOSAL PROJECT


7.1
SBS Br. Receives Request From School Board For Facility Evaluation Or From School Capital Finance Committee
March 25, 1985**
7.2
SBS Br. Inspects and Evaluates Facility
7.3
SBS Br. Makes Recommendations To H. Lehmann*
June 5, 1985
7.4
SBS Br. Receives Letter From H. Lehmann Confirming Disposal
June 12, 1985

* School Business Administration Branch

** Timing of Project: Foremost School (County of Forty Mile No. 8)

d) Disposals files;
e) ECS Grants Approval files;
f) New Construction files;
g) Energy Conservation files;
h) Floor Plans files;
i) General Administration files;
j) Miscellaneous Information files.

The estimated volume of hard copy paper files is about 370-420 cubic feet. This estimate does not include the data/information that are stored elsewhere in the building in Central Records. In fact, eighty-seven different areas within the Branch are used for storing data/information pertinent to the ten categories mentioned above. The spatial distribution of the locations is displayed in Figure 8. Duplications of information have been observed, although some are related to variations in assembly of the data/information.

Energy conservation data, administration files and accounts are stored on 5.25 inch diameter diskettes used in the Apple micro computers. Monitoring of the Capital Projects in 1986, and Modernization projects of 1984 and 1985 occurs with the aid of a `database' program on the Apple IIe microcomputer.

Additionally, during the course of the research of this report, pilot projects were established successfully, using the microcomputers to store and manipulate the following information by school jurisdiction: operating capacity; total enrolment; utilization; utilization factors; equity factors; the product of the utilization and equity factors. The results of one tabulation are listed in Appendix I. The equivalent records, in more detail but never-the-less manually prepared, are noted in Appendix H.

Long term (50 years) storage of information about school buildings is a requirement for the Branch in order to maintain effective operations. The resulting large volume of paper whose contents involve school capital projects is a major concern of management, both in terms of storage and more importantly ~in terms of information management. A strategic opportunity not to be lost is the transformation of these data/information stores into an automated School Buildings Data Base. A desirable outcome is a complete profile about each of the 1500 schools throughout the province. It is envisaged that this will result in an increase in efficiency by which the Branch conducts its business.

FIGURE 8

LOCATIONS OF DATA/INFORMATION STORAGE WITHIN THE SCHOOL BUILDING SERVICES BRANCH

LEGEND

SCHOOL BUILDINGS BOARD MINUTES

1. All Minutes
2. New Construction Minutes:
   a) All
   b) By Jurisdiction
3. BORP Minutes: a) All
   b) By Jurisdiction
4. BORP Agendas

BUILDING QUALITY RESTORATION PROGRAM

1. Main Files (1979 - Current)
2. Historic Files (pre-1979)
3. EDIS Information
4. Facility Evaluation Reports
5. Approval Letters
6. Utilization Information*
7. (A,B,C,D) Building Inspection (Current) Files
8. Tender Logs
9. Architectural Plan Logs
10. Claims Forms
11. Log Sheets
12. Cost Summaries
13. 1986 Inspectors' Files
14. Historical Inspection Files
15. Building Conditions Surveys
16. Time Log of Tenders
17. Cost Factors
18. Fund Control Factors
19. Summary Log of Applications
20. Recognition of Need Summaries
21. Tender Approval Letters (>$100,000)
22. Equity Factors

MODERNIZATION △

1. Main Files (All Years)
2. Facility Evaluation Reports
3. Inspection Files
4. EDIS Information
5. Capital Plan Reports
6. 'Form A' Information
7. Utilization Information*
8. Tender Log
9. Clerk of the Works Log
10. Facility Analysis Forms
11. Architectural Plan Logs
12. School Opening Files
13. Building Conditions Survey
14. Capital Budget Submission Log
15. Time Log of Tenders
16. Photographs (A,B,C)
17. Tender Approval Letters
18. Equity Factors
19. Summary of Projects Tendered
20. Capital Budget Monthly Summary

DISPOSALS

1. Files (All Years)
2. Evaluations/Related Technical Files
3. Disposal Letters (A, B, C)
4. Inspectors' Reports
5. Building Conditions Survey

ECS GRANTS APPROVALS

1. Approval Letters
2. Inspectors' ECS Private School Files

NEW CONSTRUCTION □

1. Main Files (All Years)
2. Capital Plan Reports
3. 'Form A'
4. EDIS Information
5. Utilization Information*
6. Misc. Information
7. Tender and Day Labour Logs
8. 3-Year Adjustment Log
9. Clerk of the Works Log
10. Facility Analysis Forms
11. Architectural Plan Logs
12. School Opening Files
13. Facility Evaluation Reports
14. Inspection Files
15. Report Forms
16. Inspectors' Correspondence
17. Capital Budget Submission Log
18. Time Log of Tenders
19. Tender Approval Letters
20. Equity Factors
21. Summary of Projects Tendered
22. Capital Budget Monthly Summary

ENERGY CONSERVATION

1. Main Files (All Years)
2. Related Information Files
3. Working Files
4. Energy Accounting Records

FLOOR PLANS

1. Blueprints of Floor Plans and Data Boxes
2. Original Drawings
3. Reductions of Floor Plans and Data Boxes
4. Final Plans and Specifications New Construction and Modernization

GENERAL ADMINISTRATION

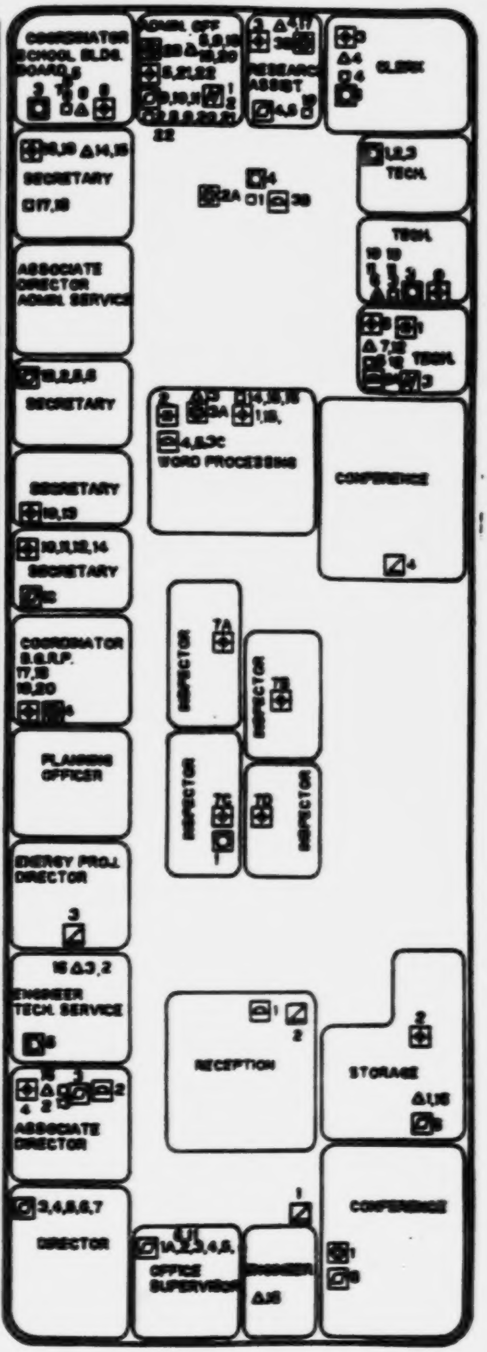
1. Personnel: a) General
   b) Admin Services
   c) BORP
2. Accounts Payable Files
3. School Acts and Regulations
4. CEFPI Files
5. CEFP AB Chapter Files
6. Department/Division/Inter-Branch Files
7. Branch Files
8. Circulation Files
9. P.E.P. Applications
10. S.T.E.P. Applications
11. Budget Information of Branch

MISCELLANEOUS INFORMATION

1. Annual Reports
2. Fire Warden Information
3. Field Package Files

---

* Enrolments and Capacities


COORDINATOR SCHOOL BLDG. BOARD
ADMIN. OFF.
RESEARCH ASSIST
CLERK
SECRETARY
TECH.
TECH.
ASSOCIATE DIRECTOR ADMIN. SERVICE
TECH.
SECRETARY
WORD PROCESSING
CONFERENCE
SECRETARY
SECRETARY
COORDINATOR B.Q.R.P.
INSPECTOR
INSPECTOR
PLANNING OFFICER
INSPECTOR
INSPECTOR
ENERGY PROJ. DIRECTOR
ENGINEER TECH. SERVICE
RECEPTION
STORAGE
ASSOCIATE DIRECTOR
CONFERENCE
DIRECTOR
OFFICE SUPERVISOR
ENGINEER

BEST COPY AVAILABLE

Flows

Each member of the Branch who was considered to be a node and sub-node of activity was interviewed to determine the origins, destinations, and patterns of communication among members both internally and externally to the Branch.

The acronym GRATIS assisted in the description of what activities occurred at each node and sub-node within the Branch and how they influenced the state of data and information.

a) Generation of data by staff of the Branch.

Field inspections provide school-based data. Examples are preliminary and final inspections by the BQRP inspectors, and other staff who may compile facility evaluations of schools and facility development plans. These reports can deal with, for example, one school or a school jurisdiction and can be for the purpose of energy management, planning, modernization, and disposal. The types of information acquired from the reports of the building inspectors is displayed in Appendix B and types of data/information included in facility evaluation reports are noted in Appendix C. Data acquired for the purpose of energy management are noted in Appendix J.

b) Retrieval of data/information from a secondary storage source.

Information is retrieved from a variety of sources: (i) an assortment of dispersed hard copy files retained within the Branch; and (ii) from Computer Services located on a separate floor elsewhere in the building who maintains the EDIS database. The types of outputs from the EDIS database are noted in Appendix D; (iii) tender related documents from the Records Centre; (iv) old school capital project files from Central Records, the Record Centre, and Government Archives.

c) Acquisition of data from sources inside/outside the Branch

Data are acquired through a variety of sources internal and external to the Branch and include: (i) the application forms prepared by the school boards for various programs, (e.g.) Form A for new construction, Form B for modernization, and the BQRP forms. Samples of the forms are retained in Appendix E; (ii) appraisers reports regarding the worth of a school building ready for disposal; (iii) annual reports and financial statements prepared by the school boards; (iv) energy consumption statements provided by the school boards; (v) historical enrolments from the School Business Administration Branch as shown in Appendix M; and (vi) current enrolments as noted in Appendix G.

d) Transformations of data into useful information are generally tabulations, that is accumulations. An example is the Capital Plan Report that is prepared bimonthly by the Administrative Office of the Administrative Services section of the Branch. Tender logs and records of final plans are also retained. Information and summaries which represent the contents of a capital plan report, tender logs, and records of final plans are noted in Appendix F.

e) Informing other members of the Branch and some personnel external to the Branch is done through print. Examples are the Capital Plan Report, and tabulated information, (e.g.) enrolments and floor space, prepared by the technicians of the Administrative Services section of the Branch. Other sources of informing are the Annual Report, of which relevant extracts are noted in Appendix K, Fire Warden Information as noted in Appendix L , and 'Field Packages' as noted in Appendix M.

f) Storage of data and information has already been discussed above.

Interviews were conducted with all members of the Branch excluding the support staff. The purpose of the interviews was to determine flows and what data/information activities occurred at each node or sub-node of the network that represented the Branch. Lines of communication were plotted as a means to determine who were users and who were transmitters of data/information within the Branch. The exercise sought to determine whether the Branch functioned in a manner that would be typical of any organization, i.e. upward inputs feeding into senior positions, as well as the School Buildings Board, and whether there were various ways in which communicating occurred internally and externally.

Generally, the senior positions in the hierarchy could be described as 'users', that is, they absorbed more inputs than they transmitted. The inverse was the case for positions at the lower stratum of the hierarchy.

By dissecting the inputs and outputs into three categories: a) intra-Branch; b) Branch/internal to the Department; c) Branch/external to the Department, a different pattern emerged, illustrated by the figures in Appendix O.

The Director absorbs intra-Branch inputs of transmitted information in greater amounts than he produces outputs to other members of the Branch. This changes to a balanced output to input when considering external sources and destinations of information.

Both Associate Directors tend to be users of both intra-Branch and external information.

Additionally, the technician responsible for enrolment, capacity and utilization information disseminates it to a variety of users within the Branch.

The position that has the largest number of inputs and outputs, that of the research assistant who tends to be a supplier of intra-Branch information and who tends to exchange inputs and outputs with external sources of data/information.

The number of inputs and outputs, both intra-Branch and extra-Branch are noted in Table 2.

Summary of Flows of Data/Information in the Branch

The acronym G.R.A.T.I.S. has been used to review what occurs to data as they enter the School Buildings Services Branch as well as to note what medium is used. It may be summarized in the following way:

Generation/Retrieval/Acquisition

Virtually all data/information generated by observation, retrieved from a secondary source of storage, or acquired from a primary source or distributing agent are retained on paper, and it may be a standard size, or blueprint.

Transformations

All transformations, with the exception of the enrolment projections and the energy conservation material are prepared manually or with the aid of small calculators. The enrolment projection program is rather primitive and is insufficient for rapid turnaround. The software available to support the energy conservation program appears to be more elaborate, offering tabulations and graphical output.

TABLE 2 INPUTS / OUTPUTS OF THE SCHOOL BUILDINGS SERVICES BRANCH

POSITION OF MEMBER OF BRANCH	INTRA-BRANCH FLOWS		INTRA-BRANCH/DEPT FLOWS		BRANCH/EXTRA DEPT FLOWS	
	Inputs	Outputs	Inputs	Outputs	Inputs	Outputs
Director	10	6	0	0	1	1
Associate Director / Policy Planning & Tech Services	12	6	1	0	2	2
Planning Officer	3	4	1	0	0	0
Energy Project Director	7	4	0	0	1	1
Energy Engineers	4	1	1	1	2	2
Engineer/ Technical Service	4	3	0	0	2	6
Research Assistant	5	15	5	4	3	4
Research Clerk	1	4	1	2	0	0
Associate Director / Administrative Services	9	3	1	2	1	2
Co-Ordinator / School Buildings Board	6	4	2	1	1	1
Administrative Officer	2	7	2	1	1	0
Plans Examiner A	3	10	1	0	1	1
Plans Examiner B	1	5	1	1	2	2
Project Draftsman	1	4	1	1	0	5
Co-Ordinator / B.Q.R.P.	3	6	0	2	1	0
Construction Inspectors	6	5	0	0	0	0

BEST COPY AVAILABLE

Interaction

All intra-Branch dissemination of information is via paper. A significant point to note is the high degree of dependence that is placed upon subordinates to convey important information

regarding transformed data, e.g. floor areas, capacities, utilization, debenture supply, et cetera.

Storage

The prominent medium of storage is paper. Energy conservation accounts' data are retained on 5.25 inch diskettes. A few items, such as this report and the pilot project of utilization factors, equity factors and their products are stored on 5.25 inch diskettes. Some correspondence is stored on larger discs associated with the Xerox 860 word processors.

SECTION 4

ANALOGUE OF THE BRANCH

The description of activities in the foregoing text which are undertaken at each node and sub-node of the Branch permits the opportunity to illustrate graphically Branch processes based upon the acronym GRATIS. The analogue form of the Branch is displayed in Figures 9 and 10. Intra-Branch communications are noted in Figure 9. External to Branch communications are noted in Figure 10. Each node, i.e. office within the Branch is considered independently from all others in Figures 9 and 10.

It is apparent that two elements of data/information flows toward which attention must be directed are:

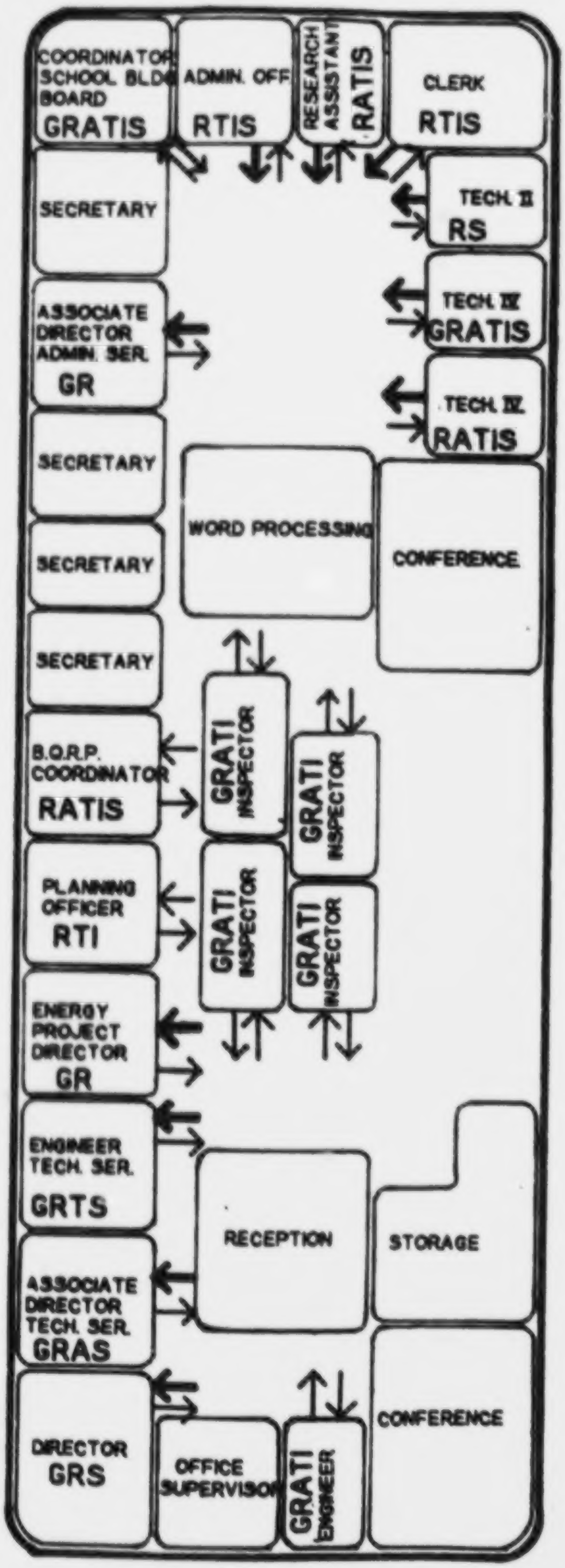
(i) transformation, where fifteen members of this staff are involved in transforming data into usable information, mainly for intra-Branch purposes;

(ii) storage, where sixteen members of the staff are involved in storing data/information.

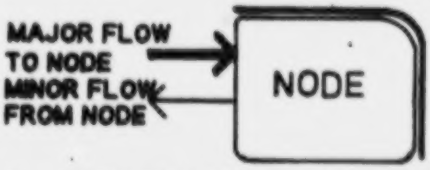
Interpretation of the figures must be made in the following manner: each office, that is, position in the Branch must be viewed independently from the others in each of the figures, i.e. a broad arrow originating from one of the positions cannot be compared with any other arrow originating from any other position.

FIGURE 9

ANALOGUE OF SCHOOL BUILDING SERVICES BRANCH -INTRA-BRANCH LINKS


COORDINATOR SCHOOL BLDG BOARD
GRATIS
ADMIN. OFF
RTIS
RESEARCH ASSISTANT
RATIS
CLERK
RTIS
SECRETARY
TECH. II
RS
ASSOCIATE DIRECTOR ADMIN. SER.
GR
TECH. IV
GRATIS
TECH. IV
RATIS
SECRETARY
WORD PROCESSING
CONFERENCE
SECRETARY
SECRETARY
B.O.R.P. COORDINATOR
RATIS
GRATI INSPECTOR
GRATI INSPECTOR
PLANNING OFFICER
RTI
GRATI INSPECTOR
GRATI INSPECTOR
ENERGY PROJECT DIRECTOR
GR
ENGINEER TECH. SER.
GRTS
RECEPTION
STORAGE
ASSOCIATE DIRECTOR TECH. SER.
GRAS
DIRECTOR
GRS
OFFICE SUPERVISOR
GRATI ENGINEER
CONFERENCE

GRATIS AND DATA/INFORMATION FLOWS


MAJOR FLOW TO NODE
MINOR FLOW FROM NODE
NODE

G - GENERATION OF PRIMARY DATA

R - RETRIEVAL OF DATA/INFO. FROM A SECONDARY SOURCE. (I.e. A STORAGE AREA)

A - ACQUISITION OF DATA/INFO. FROM A PRIMARY SOURCE (I.e. RECIPIENT OF DISTRIBUTING AGENT)

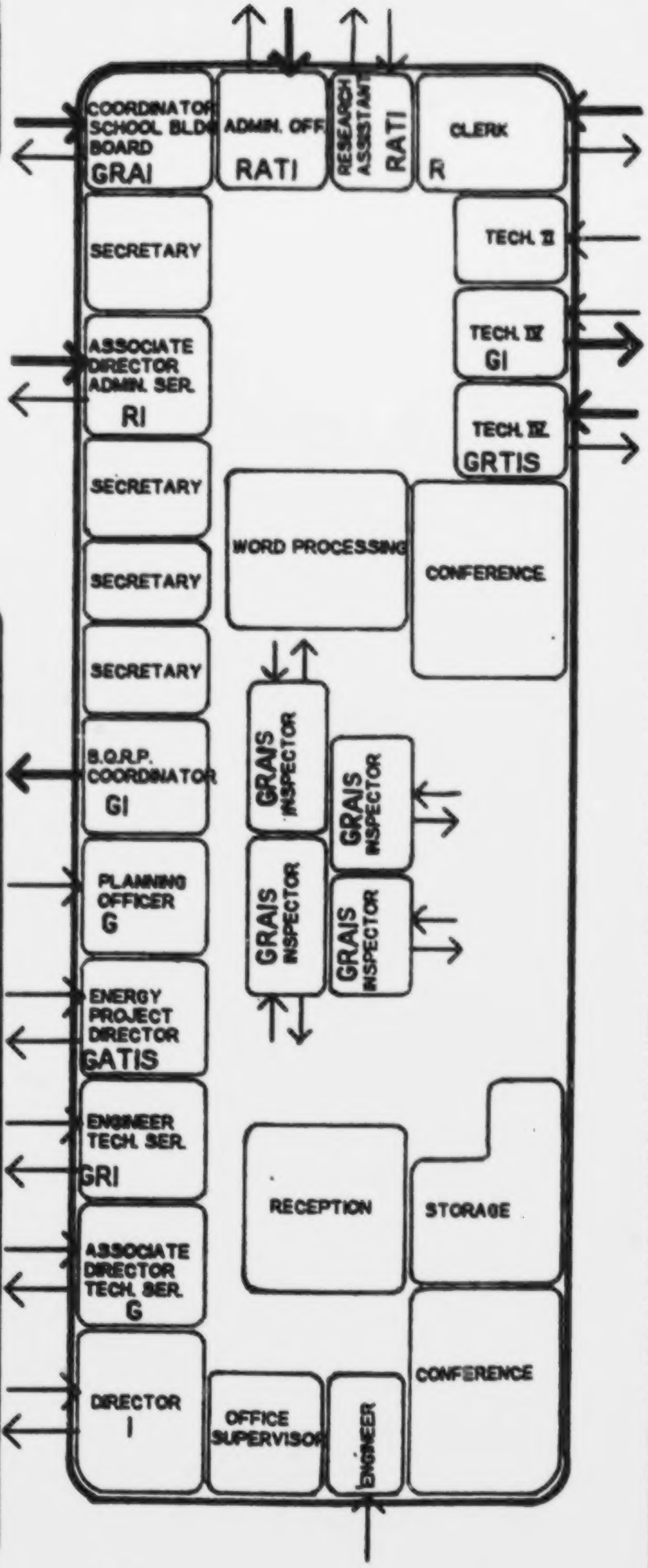
T - TRANSFORMATION OF DATA INTO USABLE INFORMATION

I - INTERACTION (I.e. COMMUNICATING/ DISSEMINATING)

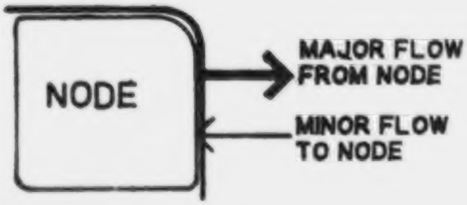
S - STORAGE OF DATA/INFO. ON AN APPROPRIATE MEDIUM.

FIGURE 10

ANALOGUE OF SCHOOL BUILDING SERVICES BRANCH -EXTERNAL LINKS


COORDINATOR SCHOOL BLDG BOARD
GRAI
ADMIN. OFF.
RATI
RESEARCH ASSISTANT
RATI
CLERK
R
SECRETARY
TECH. II
TECH. IV
GI
ASSOCIATE DIRECTOR ADMIN. SER.
RI
TECH. IV
GRTIS
SECRETARY
WORD PROCESSING
CONFERENCE
SECRETARY
SECRETARY
GRAIS INSPECTOR
GRAIS INSPECTOR
B.O.R.P. COORDINATOR
GI
GRAIS INSPECTOR
GRAIS INSPECTOR
PLANNING OFFICER
G
ENERGY PROJECT DIRECTOR
GATIS
ENGINEER TECH. SER.
GRI
RECEPTION
STORAGE
ASSOCIATE DIRECTOR TECH. SER.
G
DIRECTOR
I
OFFICE SUPERVISOR
ENGINEER
CONFERENCE

GRATIS AND DATA/INFORMATION FLOWS


NODE
MAJOR FLOW FROM NODE
MINOR FLOW TO NODE

G - GENERATION OF PRIMARY DATA

R - RETRIEVAL OF DATA/INFO. FROM A SECONDARY SOURCE. (I.e. A STORAGE AREA)

A -ACQUISITION OF DATA/INFO. FROM A PRIMARY SOURCE. (I.e. RECIPIENT OF DISTRIBUTING AGENT)

T - TRANSFORMATION OF DATA INTO USABLE INFORMATION.

I - INTERACTION (I.e. COMMUNICATING/ DISSEMINATING)

S - STORAGE OF DATA/INFO. ON AN APPROPRIATE MEDIUM

SECTION 5

OBSERVATIONS AND COMMENTS

The purpose of the report up to this point was to fact find, i.e. to be descriptive, and to identify what areas would be suited for a more detailed evaluation.

It appears that there are several activities within the School Buildings Services Branch which will benefit from automation. Also, further considerations must include the ever present need to increase efficiency at each node within the Branch. This can be accomplished by a variety of methods, such as reducing repetitive activities, for example the multiple entry of data, and assisting to make information more easily accessible through non-paper files. Greater sophistication can be introduced to the area of planning and development of public policy such as attending to concepts that permit comparative analyses. This may affect the nature of the databases to be developed, however it remains to be discussed .

For example, there are three areas that can be assisted. They are:

i) the approval of government support for capital improvements to school buildings and some equipment throughout the province. Both the planning and evaluation function, and the operations of the School Buildings Board will be affected;

ii) monitoring operational changes in school buildings throughout the province in order to distribute incrementally supportive resources for capital improvements to school buildings as well as program delivery components throughout the province. The monitoring will assist the gatekeepers of resources to assess allocations with respect to total budget and other matters related to financial matters, such as the capital plan information and program cycles. Also, monitoring will affect all programs and will be felt mainly in the routines associated with the modernization and building quality restoration programs.

iii) planning for greater efficiency and effectiveness in the Branch's procedures, guidelines, et cetera, including comparative evaluations and other mechanisms by which existing policy may be reconsidered, challenged, and amended if considered desirable to do so. This will have an impact on all programs and will benefit significantly the Policy, Planning and Technical Services section of the Branch.

Any move towards office automation should be conducted with the following goals in mind: a) changes must seek to increase efficiency in daily operations, and relieve tedium; and b) improved ratios of the time for the retrieval of information to the time for other research related activities. The latter can permit senior managers more time for activities such as internal and external communications, policy evaluation, the evaluation of program delivery, and responses to requests for assistance from upper echelons in the bureaucratic and political hierarchies, _et cetera_.

What is most evident is the necessity to maintain tabulated records of enrolments, floor areas, capacities, utilization, and capital expenditures. The pilot project aside, detailed records are maintained presently without the assistance of an automated system and in several examples, updates can be on a daily basis. These repetitive procedures can absorb up to one-third of a person-day every day at peak times. Some `permanent' records are maintained in pencil for ease of alteration.

Any strength of the existing system, (i.e.) the operations currently maintained by the Branch is the fact that a variety of data and information are available, subject to certain limitations, such as accessibility and timeliness. Turnaround time from EDIS for a repetitive output is about 24 hours. Other outputs are perceived to require up to three to four months, causing some reluctance on the part of the staff members to be adventuresome with the use of the EDIS data base.

Weaknesses are evident in the current system, particularly with respect to certain administrative and planning procedures. Examples include:

a) the physical dispersal of the storage areas;
b) the slow turnaround time of the EDIS database and its inherent limitations through its creation from past EDP objectives;
c) paper storage of school-based and board-based data and information;
d) the lack of formulations for planning purposes, (i.e.) there are not any evident statements that have been made to perform comparative analysis, and to integrate data/information as techniques to assist planning;
e) the lack of formulations to suit requests for support/service from the senior bureaucratic and political levels of the Department;
f) the significant amount of time required to maintain and update records, as well as to access information;

g) the lack of attention to preparing a secure storage medium for important records;
h) the lack of standardized recording of school-based facility evaluations' data;
i) the apparent need to retrieve historic information stored in a remote location to the Branch, i.e. in Central Records;
j) the lack of communication between existing business equipment in the Branch.

Other difficulties imposed by the existing system are:

i) the physical size of the storage system geared to maintain paper records;
ii) hazards associated with paper records, e.g. fire, excessive weight on the floors;
iii) poor access to School Building Board minutes that are retained in the conference room of the Branch (although during the course of this research microfilming of historic records commenced).

Another observation involves the general processes regarding applications for funds from the new construction, modernization and restoration programs. The processes are so elaborate that often applications are carried out in an order that is different to that which is depicted due to the following factors:

a) lack of familiarity with procedures by some school boards;
b) attitudes of some boards with respect to the procedures;
c) small projects that involve little support from the province.

Further the timing of each project appears to be variable and certain activities within the processes appear within a range of activities implying variability in the order of the activities.

Clearly there is ample opportunity to encourage automation in several activities throughout the Branch. Mundane chores could be alleviated, allowing the staff member to undertake other activities. Additionally, there is another opportunity worth pursuing, and it is the formulation and specification of more sophisticated outputs from databases and existing records systems, bearing in mind that several activities in the Branch are linked, (i.e.) intra-Branch data/information sources are fundamental to several processes.

SECTION 6

TIME LOG SURVEY

All members of the Branch participated in a time log survey during the two weeks of 27 January - 07 February 1986. Generally such a survey is conducted pre- and post-automation to ascertain the impact of automation upon the time spent by individuals during their conduct of daily operations. The survey focussed upon the general categories of the acronym G.R.A.T.I.S., although some work was a part of a miscellany of activities. A total of 59 activities were considered within the G.R.A.T.I.S. component and an additional 13 activities were classified as miscellaneous. The various elements within each component are noted in Appendix N.

The survey was conducted during a period of normal operations, i.e. just prior to the annual submissions of capital requests from school boards, and therefore can be considered to be a baseline from which to judge any other activities, should another survey be conducted at another point in the cycle of the operation of the Branch.

The analysis of the time logs was conducted at three scales:

(i) an aggregate level of the Branch;
(ii) an intermediate level of partitions of the Branch, e.g. the Director's office, the Administrative Services section, and the Policy, Planning and Technical Services section;
(iii) a detailed level of individuals, grouped where appropriate, as participants in a specific activity within a major G.R.A.T.I.S. classification.

The intention of this analysis is not just to review at large levels of aggregation what portions of time were spent on activities but to note, where appropriate, what groups of members of the Branch were preoccupied with specific activities. To provide meaning therefore, reference is made throughout the following discussion to an average and a range of time spent by a given number of members of the Branch on specific activities, and therefore does not reflect a section or the Branch wholly.

The analysis focuses upon activities within the G.R.A.T.I.S. classification rather than miscellaneous activities.

Aggregate Scale: The Branch

Seventy-seven percent of all activities conducted by members of the Branch within the survey period was spent on G.R.A.T.I.S. activities, as shown in Figure 11. The other category of activity was miscellaneous activities.

Generally, as shown in Table 4, the group of G.R.A.T.I.S. activities that consumed the largest portion of the time of the Branch, greater than 34 percent, was 'informing', which included meetings, the preparation of correspondence, reports, School Building Board minutes, and word processing, typing, et cetera. The second largest portion of time, more than 23 percent was spent on 'transforming', which includes activities such as the processing of BQRP claims, calculating gross areas, enrolment projections, and sketches and charts, et cetera. 'Storage', which involved filing, consumed on the average about 11 percent of the time of the Branch's members. The other G.R.A.T.I.S. activities, 'generate', 'retrieval', and 'acquire' each consumed about 3 percent of the time of members of the Branch.

Intermediate Scale: Partitions of the Branch

The pattern of G.R.A.T.I.S. activities varied among the Director's Office and the two sections of the Branch. The members of the Administrative Services section of the Branch spent a greater share of their collective time on the G.R.A.T.I.S. activity of transforming, a smaller share of their collective time acquiring, and storing than the Policy, Planning and Technical Services section.

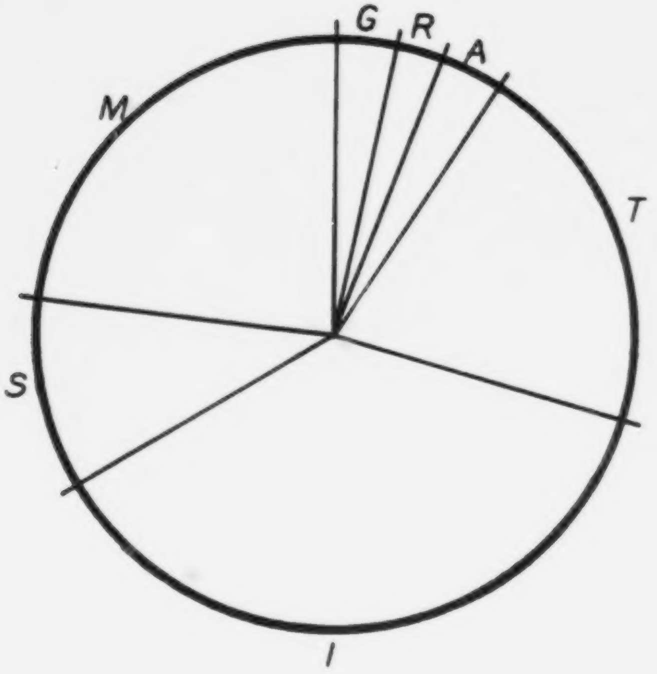
The Director's Office

Activities within the Director's office were substantially different to the two sections of the Branch. This third grouping of members consisted of the Director and his secretary. More than half of their collective times was spent on informing, about 11 percent was spent on storing and about 33 percent was spent on miscellaneous activities, as shown in Figure 12 and on Table 4.

The major portion of the Director's time, more than 88 percent was spent on the activity of informing, and within this category about 60 percent of the time was spent in meetings. Eleven percent of the time was spent on writing memos, correspondence and reports, and more than 7 percent was spent on attending to

FIGURE 11

PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
3%	3%	3%	23%	34%	11%	23%

SCHOOL BLDGS.
SERVICES BRANCH

TABLE 3 TIME SPENT ON GRATIS ACTIVITIES BY MEMBER OF BRANCH

DIRECTOR'S OFFICE

Name of Individual	Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
KRYS E	0.00	4.29	.26	3.68	16.33	20.25	55.18
KULBA J	0.00	0.00	0.00	0.00	88.29	1.58	10.13
SUB-TOTAL	0.00	2.15	.13	1.84	52.31	10.91	32.66

ADMINISTRATIVE SERVICES

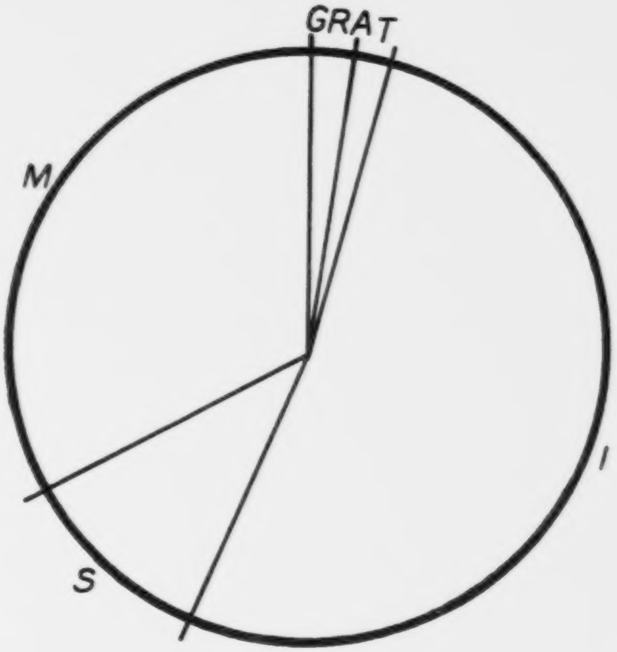
Name of Individual	Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
BERLIN F	0.00	0.00	0.00	10.87	26.63	0.00	62.50
BOYER K	0.00	1.82	0.00	9.80	63.20	0.00	25.19
GRANT L	5.21	3.26	0.00	10.42	54.72	0.00	26.38
GOUGH T	3.02	2.06	.55	37.64	22.66	0.00	34.07
JOHNSON J	6.02	3.21	.27	33.88	17.80	.07	38.76
KUBICA E	0.00	0.00	0.00	20.64	39.31	12.73	27.32
PYRCH A	0.00	14.01	0.00	0.00	2.28	70.06	13.65
MAH N	0.00	.89	0.00	4.94	49.37	11.14	33.67
McLEAN D	25.81	1.61	0.00	33.75	8.44	0.00	30.40
OSINCHUK C	0.00	1.56	0.00	78.26	18.23	0.00	1.95
PARDELY E	19.73	0.00	0.00	16.86	14.56	0.00	48.85
PHILLIPS A	.14	1.63	0.00	88.85	5.18	4.21	0.00
SANGHA H	0.00	.38	0.00	6.27	70.33	12.28	10.74
WELESCHUK M	11.76	0.00	0.00	.38	58.45	0.00	29.41
WILHELM R	.12	0.00	0.00	17.52	67.54	4.04	10.78
WILSON A	0.00	2.05	0.00	86.54	0.00	5.77	5.64
WILSON L	0.00	2.75	1.70	57.46	31.02	1.57	5.50
SUB-TOTAL	4.22	2.07	.15	30.24	32.34	7.17	23.81

POLICY, PLANNING AND TECH SERVICE

Name of Individual	Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
CAVANAGH P	1.57	5.75	6.53	68.61	10.32	0.00	7.23
COUSINS D	7.73	1.93	0.00	16.54	35.12	0.00	38.67
CHERNENKOFF E	0.00	6.93	43.57	28.13	14.29	1.63	5.45
FIEDLER R	0.00	5.05	0.00	0.00	66.38	0.00	28.57
FORSTER J	15.53	1.43	.22	11.78	58.48	0.00	12.56
HOWEY R	0.00	2.49	0.00	5.96	19.72	18.12	53.71
KINNAIRD D	0.00	.33	19.12	25.75	46.74	.66	7.40
LE H	0.00	0.00	0.00	4.10	47.66	0.00	48.24
MARZETTI	0.00	1.30	31.81	12.27	30.94	7.93	15.74
ROSS R	4.77	8.18	0.00	24.20	48.52	0.00	14.32
STELTER D	0.00	2.84	0.00	0.00	28.86	59.09	9.20
YAM A	0.00	.51	0.00	0.00	3.56	95.93	0.00
SUB-TOTAL	2.47	3.06	8.44	16.45	34.22	15.28	20.09
BRANCH AVERAGE	3.27	2.46	3.36	23.07	34.35	10.55	22.94

FIGURE 12

PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	2%	0%	2%	52%	11%	33%

DIRECTOR'S OFFICE

action requests. The major portion of the time spent by the Director's secretary, more than 20 percent was spent on storing information, i.e. filing, and 16 percent of her time was spent on informing, 10 percent of which was proof read.

The Administrative Services Section

The largest portion of the collective times of the Administrative Services section, more than 32 percent, was spent on interaction or informing activities as shown in Table 4 and on Figure 13. The second largest category was transforming (more than 30 percent). A much smaller activity was storing (more than 7 percent). Generating was slightly more than 4 percent, retrieving was slightly more than 2 percent, and acquiring was virtually negligible requiring less than 0.2 percent.

Miscellaneous activities, such as answering the telephone, travel, photocopying, and ordering supplies consumed about 24 percent of the time. It has been noted that participating in travel offers an opportunity to discuss activities with other members of the Branch, but for the purpose of this survey, travel has not been included formally as a process of informing.

The Policy, Planning and Technical Services Section

The largest portion of the collective times of the Policy, Planning and Technical Services section, more than 34 percent, was spent on interaction or informing activities as shown in Table 4 and on Figure 14. The second largest category was transforming (more than 16 percent) was followed closely by storing (more than 15 percent). Acquiring was more than 8 percent and the other two G.R.A.T.I.S. activities, retrieve and generate were 3 percent or less.

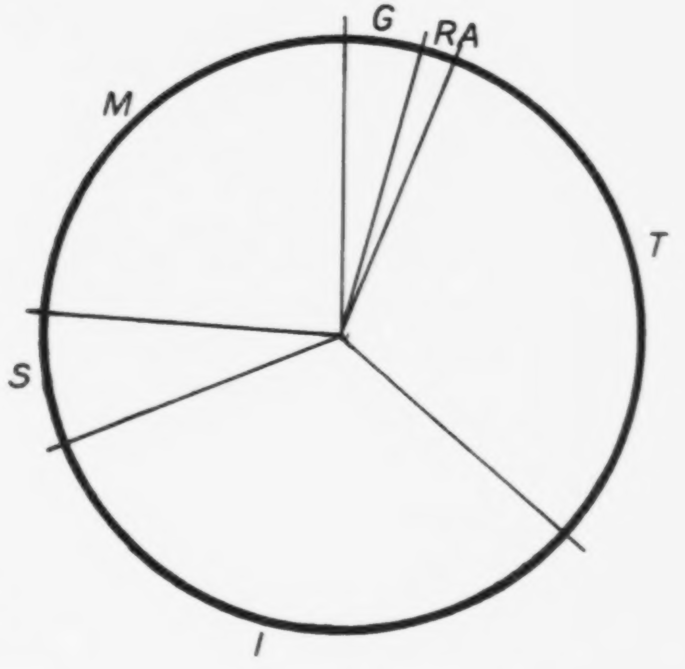
Miscellaneous activities, such as answering the telephone, travel, photocopying, and ordering supplies consumed about 20 percent of the time.

Detailed Scale : Groups of Individuals and G.R.A.T.I.S. Activities

Individuals' activities are summarized in Appendix P. The method of analysis used here places the emphasis upon groups of individuals who are involved in specific activities.

FIGURE 13

PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES

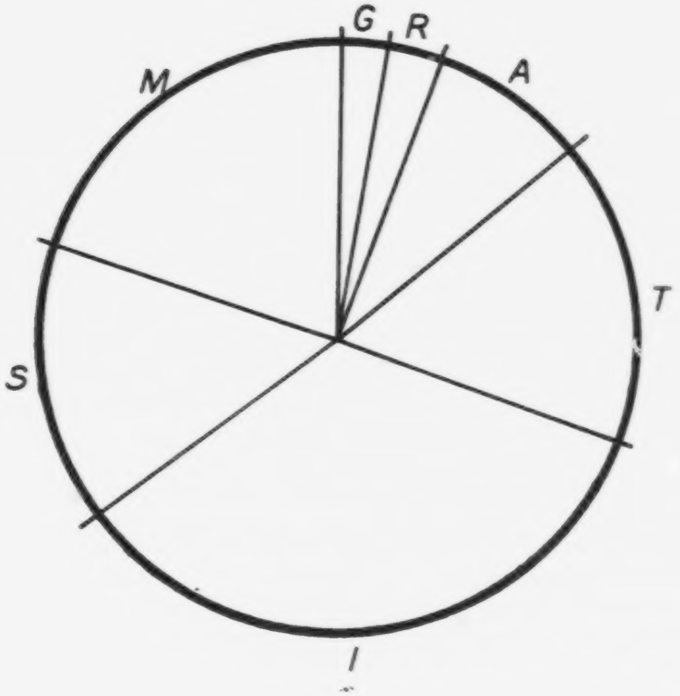


Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
4%	2%	0%	30%	33%	7%	24%

ADMINISTRATIVE
SERVICES

FIGURE 14

PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
3%	3%	8%	16%	34%	16%	20%

POLICY, PLANNING &
TECHNICAL SERVICES

Generate

The aggregate portion of time spent by all members of the Branch on the generation of primary data was very low, slightly more than 3 percent. Although the share of time spent upon this G.R.A.T.I.S. activity was relatively small during the survey period, it can not be overlooked that some members, 12 in fact, did spend a fair portion of their time in this activity.

School Inspections

Twelve members of the Branch were involved with school inspections during the survey period as shown in Table 5. The average time spent was about 7 percent, and the range was 0.1 - 26 percent.

Retrieve

The proportion of time expended on retrieval of data from secondary sources is very low for the entire Branch, however, some members did spend modest amounts of their time on this activity. With the exception of one of the members of the Administrative Services section whose job it was to sort modernization files, virtually everyone else in the Branch who performed this activity was from the Policy, Planning and Technical Services section.

Searching for Files and Other Sources of Information

Eighteen members of the Branch spent 3 percent of their time on the average (the range was .3 - 8 percent) in searching for files or other sources of information. Four members spent 5 percent or more on this activity.

Acquire

The proportion of time expended on acquiring data/information from a primary source generally was very low, and a conclusion is that there is not any routine activity that required significant amounts of time. The two exceptions, however, were sporadic activities that did consume time: the information needs assessment and the energy accounting exercise that is to be used input to the capital plan review.

TABLE 5 SIGNIFICANT FINDINGS OF THE TIME LOG SURVEY

Activities by G.R.A.T.I.S. Type		Number of Members of Branch Affected	Average Portion of Time %	Range of Values Low %	High %
GENERATE DATA					
G 1 :	School Inspections	12	7	.1	26
RETRIEVE DATA/INFORM'N					
R 1 :	Search Data Files, FldPacks, Pers	18	3	.3	8
ACQUIRE DATA/INFORM'N					
	*Not Any Significant Routine Item				
TRANSFORM DATA					
T 2 : T 8 :	Calculations Calculate Gross Areas/Cap Changes	7	17	6	38
T 6 : T13 :	BQRP Write-ups (Initial & Final) Prepare SBBD Min. & Prep for Mtg	6	13	3	25
T14 :	Enter Data in Computer	5	25	12	64
INFORM (DISSEMINATE)					
I 2 :	Provide Info to Sch. Bds.	9	2	.4	6
I 5 :	Meetings	22	13	.2	42
I 7 : I 8 : I17 :	Draft Memos Draft Letters, Dictation Write Reports	17	10	.4	35
I12 : I13 :	W.P.:Lets/Memo/Reps/Type SBBD Min Print- Items Above	8	27	1	53
I15 : I16 :	Type Letters Memos, BQRP Finals Type Person'l Forms, Expense Acct	9	8	.3	20
STORE DATA/INFORM'N					
S 1 : S 2 :	File Corr/New/Update/Store Re-file Files	7	26	8	60

BEST COPY AVAILABLE

Transform

A major share of time was required for several transforming components, i.e. altering data into useful information, included calculations (7 members in total, five from the Administrative Services section), the preparation of School Buildings Board minutes as well as BQRP and Modernization write-ups (6 members in total, 5 from the Administrative Services section), data entry into microprocessors (5 members of the Policy, Planning and Technical Services section) and Branch accounting (1 member of the Administrative Services section).

Calculations

The range of portions of time spent on calculations was 6 - 38 percent and the average was more than 17 percent for the seven members of the Branch.

Preparation of School Buildings Board Minutes, and BQRP and Modernization Write-ups

The range of portions of time spent by 6 members of the Branch on the preparation of School Buildings Board minutes as well as BQRP and Modernization write-ups was about 3 - 25 percent and the average was about 13 percent.

Data Entry

Data entry into the existing microprocessors consumed on the average 25 percent of the time of the 5 individuals within the Policy, Planning and Technical Services section. The range of times was 12 - 64 percent.

Branch Accounting

Although not affecting many members of the Branch, the accounting for the Branch required 17 percent of one individual's time.

Inform

The portion of time spent on the activity of interaction or informing was the largest of all G.R.A.T.I.S. groups. A large amount of this group activity accounted for meetings, something that generally involved group discussion. Other activities within the informing classification included the provision of information to members of the Branch, school boards, as well as the preparation of written, and typed materials. The former involves word processing using existing systems in the Branch.

One of the aspirations of the survey was to determine how much time was spent by other members conveying information to members of the Branch. Although there is an information exchange that does exist between members of both sections of the Branch, nothing was recorded by the survey. There are two possibilities that may account or it. Either the exchanges are so brief that they were not recorded as an activity, or exchanges may have occurred during a formal activity, e.g. a meeting.

Meetings

Meetings on the average consumed about 13 percent of portions of time of all members of the two sections. Twenty-two members of the Branch participated in meetings during the survey period.

Providing Information to School Boards

Nine members of the Branch spent time in this activity and about 2 percent on the average (the range was 0.4 - 6 percent) was spent on providing information to school boards.

Drafting Memoranda, Letters, and Reports

Ten percent on the average (the range was 0.4 - 35 percent) of the portions of the time of 17 members of the Branch was spent drafting memoranda, letters, and reports.

Word Processing

Eight members of the Branch spent portions of their times ranging from 1 - 53 percent or 27 percent on the average doing word processing.

Typing

Nine members of the Branch spent portions of their times ranging from 0.3 - 20 percent or 8 percent on the average doing typing.

Storage

Filing/Refiling

The average portion of time spent by all members of the Branch on the activity of storing information is relatively low, however for 7 members it varied from 8 - 60 percent, and averaged 26 percent during the survey period.

Summary

Most of the activities that have been discussed above are summarized in Table 5. The exceptions are those that are activities of one member of the Branch, e.g. accounting.

It must be recalled that the survey using time logs was undertaken prior to the annual submission of capital requests from school boards, that is, during a period of the Branch's operating cycle when relative calm prevailed. Consequently, some of the times recorded may not represent appropriate amounts for related activities. They must be considered to be a baseline.

An analysis of this information at the various scales of aggregation has provided some useful conclusions. They are:

(1) the three G.R.A.T.I.S. activities that are eligible for attention are transforming, interaction/informing, and storing data/information;

(2) although variations of activities within G.R.A.T.I.S. have been observed among each section of the Branch, the observations do not suggest that one group alone holds a monopoly regarding potential for assistance in their routines and other applications.

Attention during the preparation of an EDP plan for the Branch may wish to focus upon two themes. One theme will be to determine the number of members of the Branch who are involved in a given activity as a means to promote increased efficiency. The other theme will be to focus upon the activities that require a significant portion of the time of those members of the Branch as a means to promote reductions in tedium.

SECTION 7

APPLICATIONS AND POTENTIAL ALTERATIONS

The requirements of any automated system are subject to the desires fueled by the perceptions and opinions of the members of the School Buildings Services Branch and augmented by the knowledge of external experts and interest groups. In fact, an elementary and basic requirement of a system for the Branch has been identified in a recent request for proposal which is noted in Appendix Q, and for which this report will be used as background.

The previous section outlined that several activities warrant automation as an aid to relieving tedium and enhancing efficiency. They were:

(i) Transforming data into useful information:

- calculations
- BQRP write-ups and School Building Board minutes

(ii) Interaction/Informing:

- drafting memos, letters, reports
- word processing
- typing

(iii) Storing Data/Information:

- filing

The implications to advancing the Branch's capabilities through automation are:

(a) more time may be spent considering the implications of decision-making rather than spending significant portions of time attempting to accomplish what are preliminary analyses in advance of making decisions;

(b) greater opportunity to create more sophisticated evaluative methods and mechanisms likely will result, offering senior decision-makers better feedback and a greater sense of a hands-on way of conducting the affairs of government;

(c) provide an increased school facility planning services to school boards;

(d) increase the efficiency of decision-making regarding school capital allocations.

The three basic applications in their simplest states are nothing more than an extension of existing practices and a transfer from one medium to another, i.e. from print on paper to electronic. The requirements of the Branch supercede this elementary need and must envelop several other functions. They are:

(i) integrating the activities of calculations, reporting and transcription of handwritten materials into an alterable memory and storage;

(ii) computer assisted drafting (CAD) and the incorporation of school plan data into a school based data file;

(iii) transmission into and reception of stored information from a network consisting of designated origins and destinations;

(iv) structuring of databases such that formulations, modelling, and projections can be undertaken;

(v) integrating of databases such that existing systems (Apple and IBM) can be used and that exchanges can take place between a warehouse of data and terminals likely central to the School Buildings Services Branch but exchangeable with the Department's databases.

Ease of use and access to the system must be a prerequisite in order to foster interaction and interest by all members of the Branch.

Another observation is that there are various intervals and sources of data and they must be taken into account in order that updates may occur at designated intervals.

General Areas of Application for Advanced Systems

Several functions in both sections of the Branch appear to be eligible for automation. Some may be exclusive to one section, and others may be applicable to the entire Branch. Regardless, they are:

(i) Administrative Services Section

- preparation of the minutes of the School Buildings Board
- preparation of the financial status of each capital program
- preparation for tracking various activities associated with relevant capital program(s)
- preparation and tracking of the budget of the Branch
- maintenance of all information regarding schools and school jurisdictions currently contained in paper files
- preparation of summaries of capital programs and control factors where appropriate
- preparation and maintenance of databases and spreadsheets that retain and estimate school-based and jurisdiction-based data and information, e.g. capacities, enrolments, area, utilization and equity factors, and any products of these factors
- background data that apply to calculations that indicate government support for capital programs, e.g. support price schedules, distance factors, and other relevant data/information which may/may not alter over time
- maintenance of project logs and other data/information that may be exchanged with other Branches , e.g. debentures associated with jurisdictions and which are recorded by the School Business Administration Branch
- preparation of information packages, e.g. field reports

(ii) Policy, Planning and Technical Services Section

- the preparation and maintenance of energy accounting records for schools
- preparation of the financial status of relevant capital program(s)

- preparation for tracking various activities associated with relevant capital program(s)
- preparation and exchange of data/information with other Branches and interest groups, e.g. demographic and enrolment data
- preparation and maintenance of facility evaluations and estimates of need for schools

This is not to say that other sources of data/information are to be excluded in the net used to acquire intelligence. Other sources, such as other Alberta government departments, as noted in Appendix R could be important to the general data warehouse needed to support planning operations of the School Buildings Services Branch. Further, the future potential for acquiring data/information originating in other groups is likely should they too automate, as noted in Appendix S.

To summarize, several activities vital to the operation of the Branch would benefit from automation, and they are the basic and elementary outcomes of any new system. A reduction of tedium and possibly an increase in efficiency could be generated. The scope of the data acquired for each capital program, as noted in Appendix T, illustrates the parameters involved.

Preparation, as noted above, involves the arrangement of suitable databases such that relevant data may be retained and updated as required.

Any alteration must take into consideration not solely improvements to existing conditions but must look ahead towards a new era of sophistication in the conduct of the business of the Branch and the Department. This new era must incorporate current thinking regarding automation, such as, decision support systems (DSS). One application would be to develop a school building capital decision support system inclusive of EDIS redevelopment.

The new era will contain an enhancement of executive analytical needs through advanced information warehouses, exchanges through networks, which will allow greater sophistication in evaluation, theorizing, formulating, modelling, and testing of the outcomes of decision-making.

SECTION 8

A FRAMEWORK FOR A PLAN OF AUTOMATION

Developmental Framework

The purpose of this section is to provide a link from the foregoing sections that discuss the existing circumstances of the Branch, and the development of a plan of automation. A framework for the plan should include:

(a) basic objectives to be achieved;

(b) a recognition of needs of the Branch;

(c) a statement of alternate models;

(d) impacts to be sustained if each alternative is selected;

(e) a means to implement the plan;

(f) an post-implementation evaluation method, constituting a feedback loop;

The plan will include:

(i) an ideal model of automation for the Branch.

(ii) policies that define how to acquire appropriate hardware, software, and communications equipment;

(iii) a forecast of technological developments and of the evolving needs of the organization;

(iv) a schedule for the phased introduction and assimilation of newer generations of technology as they become available.

It also must involve the analysis of need as noted in the earlier sections of this report, which identified areas requiring improvement, and potential benefits. To be included is the identification of technical limitations, problems, issues and constraints for the development of the ideal model of automation.

School Facility Capital Decision Support Systems

An ideal model of automation for which to strive is one that includes a school building database, a statistical analysis and other manipulation capability, an interaction and display feature, and decision models. An appropriate framework for the above noted aspects of automation is a decision support system (DSS). A decision support system is defined as a computer based system used to support the needs of managers for data and analysis. The focus of this definition on functional capabilities allows a wide latitude for the use of alternate technologies. Hence an understanding of existing computer and communications technology and future directions is fundamental to understanding DSS. New developments in technology is envisaged by researchers such as Treachy[1] will allow improvements in DSS. The concepts associated with these improvements must be a focus for the development of a plan of automation for the Branch.

A main objective of this model for automation will be to provide the members of the Branch with a history of capital decisions, technical assessments and functional needs. This objective is to enhance the achievement of KRA's.

A graphic representation of an ideal School Facility Capital DSS model is noted in Figure 15. The model reflects arguments made in the literature, specifically the works of Treacy[2].

Treacy advocates that future software capabilities must incorporate all four functions, i.e. a database, interaction and display, a capacity for mathematical analysis, as well as incorporating decision models[3], which is different to the limited software that is available currently.

---

[1] Treachy, M. E., (January 1985), Future Direction in DSS Technology, Center for Information Systems Research, Sloan School of Management, M.I.T., Massachusetts.

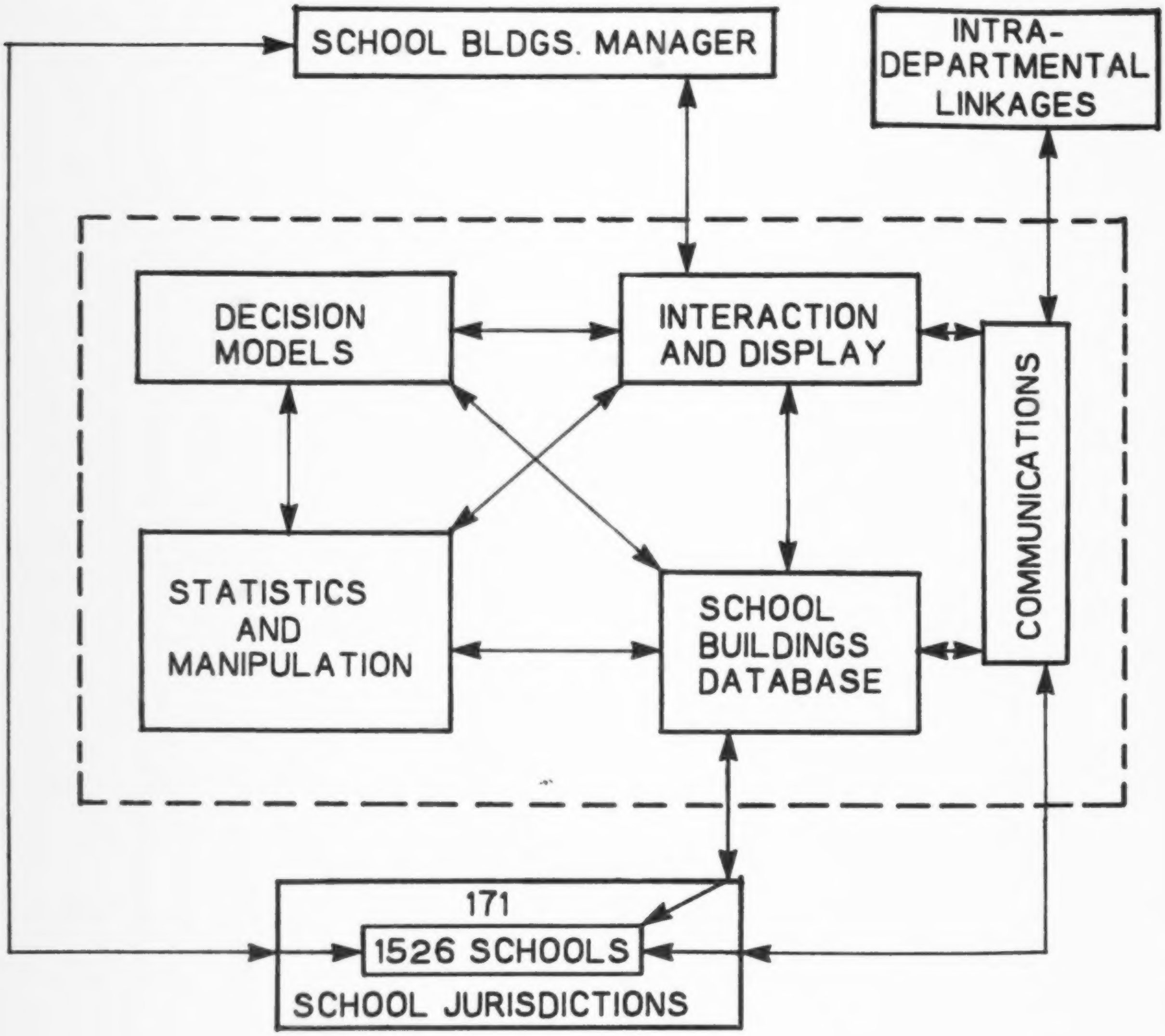
[2] -----, (June 1985), Supporting Senior Executives' Models for Planning and Control, Center for Information Systems Research, Sloan School of Management, M.I.T., Massachusetts.

[3] Appropriate definitions are the following:

(i) a database can be defined as a stored group of qualitative and quantitative data of school buildings in Alberta;

FIGURE 15

SCHOOL BUILDINGS CAPITAL DECISION SUPPORT SYSTEM MODEL


SCHOOL BLDGS. MANAGER
INTRA-DEPARTMENTAL LINKAGES
DECISION MODELS
INTERACTION AND DISPLAY
COMMUNICATIONS
STATISTICS AND MANIPULATION
SCHOOL BUILDINGS DATABASE
171
1526 SCHOOLS
SCHOOL JURISDICTIONS

BASED ON TREACY (1985)

Treacy's perception of emerging architecture of DSS software is that mainframe computers can act as a database management system connected through an active data link to distributed microcomputers. An adaptation of that model for the School Buildings Services Branch is noted in Figure 16. He also notes that changes in software are occurring at a rapid rate. Consequently any consideration and planning for our school facility Capital DSS model should not be impeded by limitations set by existing software. This does not mean that development of a model should proceed blindly but it does encourage our Branch to acknowledge that important changes in software are coming.

Earlier sections of this report have noted existing conditions of data/information and flows within, to and from the Branch, as well as data stored through necessity, related to normal operations of the Branch. The Appendices indicate the general level of detail of information required.

Models for Planning and Control

The potential outcome for the Branch is to concentrate upon formal modelling without building constraints to expansion, i.e. concentrating upon a database solely for the purpose of storage would be an error. Any automated framework must give due consideration to other features, such as, interaction and display, a capacity for mathematical analysis, as well as decision. What this means is that members of the Branch must give due consideration to the formulations required to support not just the existing operations of the Branch and its capital programs, but also expand upon the evaluative techniques available from disciplines that assess what impacts are created over space by the distribution of public funds.

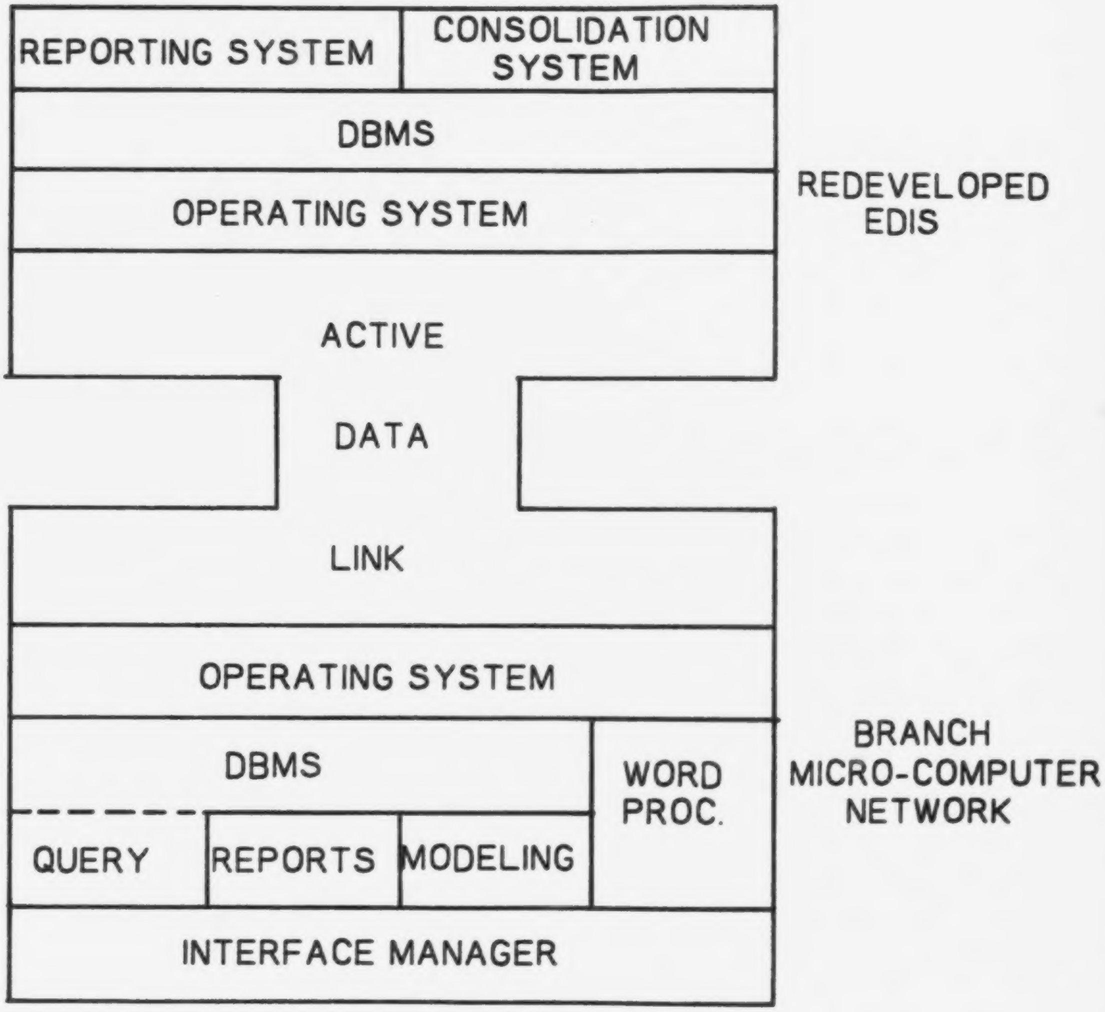
(ii) interaction and display can be defined as the ability to select data and format them into reports and graphs;

(iii) a capacity for mathematical analysis can be defined as any mathematical operation that is to be applied to the data;

(iv) decision models can be defined as the ability to define and resolve complex problems using multidimensional variables. An example of a multidimensional evaluation framework is retained in Appendix U and it could lead to or be a potential school decision model.

FIGURE 16

IDEAL ARCHITECTURE FOR DECISION SUPPORT SYSTEM


REPORTING SYSTEM
CONSOLIDATION SYSTEM
DBMS
OPERATING SYSTEM
REDEVELOPED EDIS
ACTIVE
DATA
LINK
OPERATING SYSTEM
DBMS
WORD PROC.
BRANCH MICRO-COMPUTER NETWORK
QUERY
REPORTS
MODELING
INTERFACE MANAGER

BASED ON TREACY (1985)

The design of the model in Figure 16 involves three components:

(a) a data base management system based within EDIS;

(b) a School Buildings Services Branch local area network that would include a data base management system;

(c) software necessary to promote an active linkage between the two. The link would maintain a directory of data for the users of the Branch's LAN and would functionally amalgamate the LAN and the EDIS data base into a unified view.

Networking

The model in Figure 17 is an example of the ideal architecture of a decision support system that could be constructed within the School Buildings Services Branch's local area network (LAN) and a redeveloped EDIS system. It must be recalled that the Branch does not operate in isolation, having extensive linkages with other Branches and other groups beyond Alberta Education. This has been noted in other sections of this report. Consequently, a potential model of an extended network that would include these other groups should they participate in such a project is shown in Figure 18.

FIGURE 17

BRANCH LOCAL AREA NETWORK

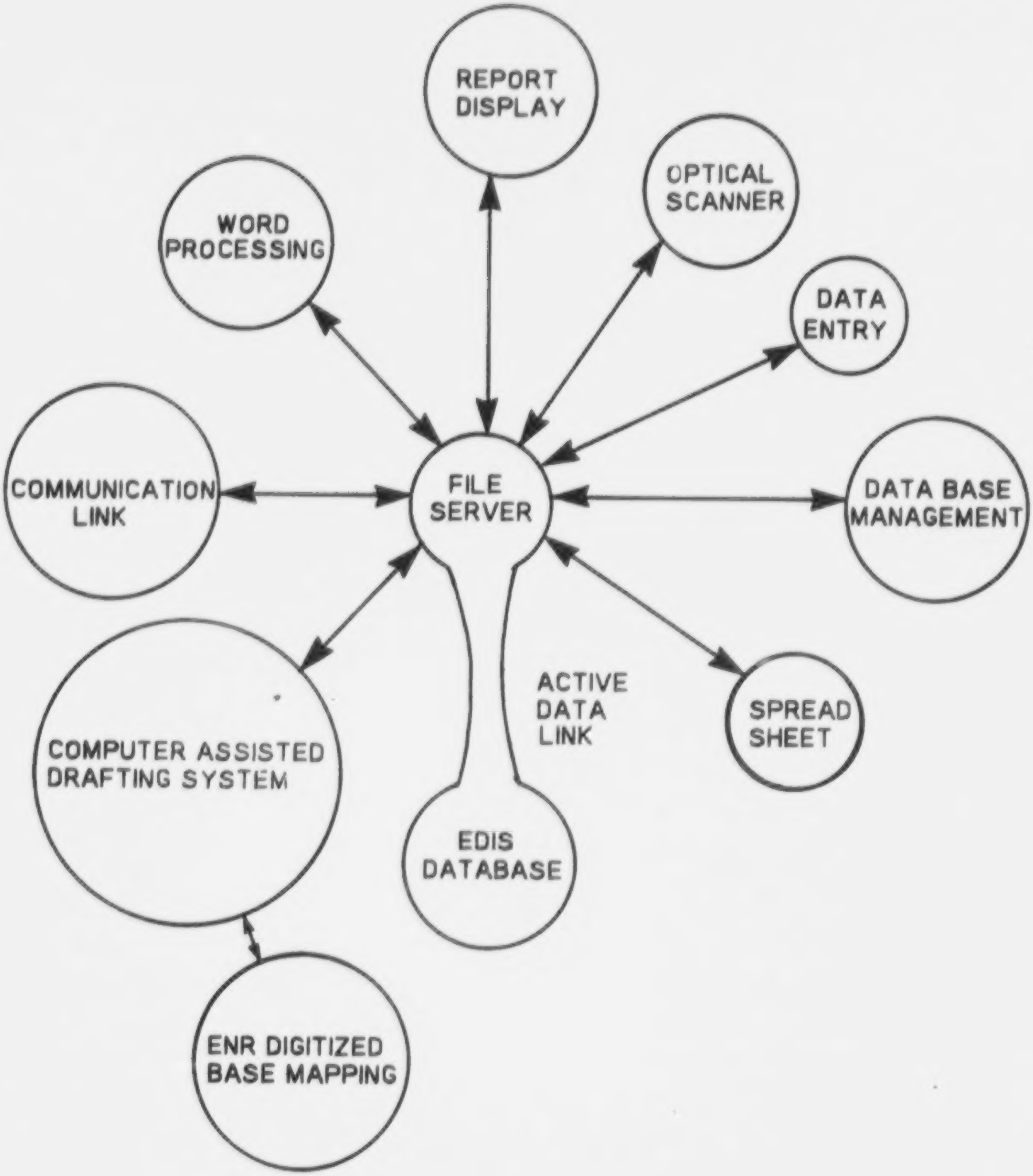
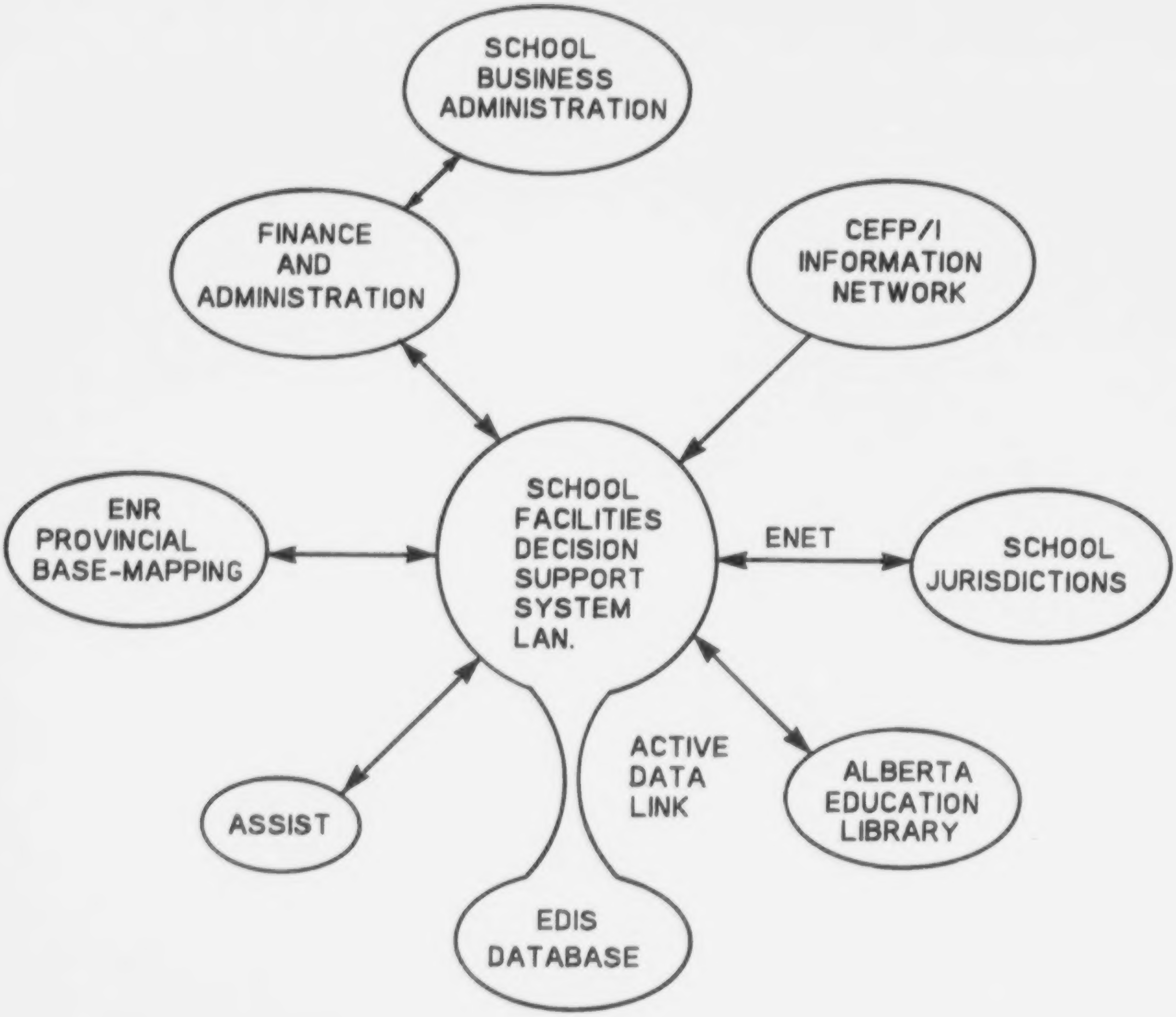

REPORT DISPLAY
OPTICAL SCANNER
WORD PROCESSING
DATA ENTRY
COMMUNICATION LINK
FILE SERVER
DATA BASE MANAGEMENT
ACTIVE DATA LINK
SPREAD SHEET
COMPUTER ASSISTED DRAFTING SYSTEM
EDIS DATABASE
ENR DIGITIZED BASE MAPPING

FIGURE 18

EXTERNAL LINKAGES


SCHOOL BUSINESS ADMINISTRATION
FINANCE AND ADMINISTRATION
CEFP/I INFORMATION NETWORK
ENR PROVINCIAL BASE-MAPPING
SCHOOL FACILITIES DECISION SUPPORT SYSTEM LAN.
ENET
SCHOOL JURISDICTIONS
ACTIVE DATA LINK
ASSIST
ALBERTA EDUCATION LIBRARY
EDIS DATABASE

VOLUME 2

SCHOOL BUILDINGS SERVICES
INFORMATION NEEDS ASSESSMENT

APPENDICES

School Buildings Services

Alberta
EDUCATION

VOLUME 2

SCHOOL BUILDINGS SERVICES
INFORMATION NEEDS ASSESSMENT
APPENDICES

16 APRIL 1986

APPENDICES' FORWARD

The appendices contained in this volume support the following report: Volume 1. Information Needs Assessment

TABLE OF CONTENTS

VOLUME 2. APPENDICES

		Lead Appendix
APPENDIX A.	An Overview of Responsibilities and Activities of Each Position in the School Buildings Services Branch	A1
APPENDIX B	Data Acquired from BQRP Process	B1
APPENDIX C	Data Acquired from Sample Facility Evaluation Reports	C1
APPENDIX D	EDIS Database Reports	D1
APPENDIX E	Forms by which Data are Acquired by the School Buildings Services Branch and Summary of Data Acquired by Each Form	E1
APPENDIX F	Capital Plan and Status of Debenture Reports	F1
APPENDIX G	Enrolments: Summary Tabulations	G1
APPENDIX H	Summary Sheet for Calculating Capacity, Operating Capacity, Enrolments, Utilization, and Utilization Factors	H1
APPENDIX I	Summary of Pilot Spreadsheet for Operating Capacity, Total Enrolment, Utilization, U Factor, E Factor, and Product of U Factor and E Factor	I1
APPENDIX J	Energy Conservation Data/Information	J1
APPENDIX K	Typical Material Supplied by the School Buildings Service Branch for the Department's Annual Reports	K1

TABLE OF CONTENTS
(continued)

VOLUME 2. APPENDICES

		Lead Appendix
APPENDIX L	Fire Warden Information	L1
APPENDIX M	'Field Packages'	M1
APPENDIX N	G.R.A.T.I.S. Survey Components	N1
APPENDIX O	Linkages by Position: Intra-Branch/ Branch - Department/Branch - External to Department	O1
APPENDIX P	Time Spent on G.R.A.T.I.S. by Individuals and Groups	P1
APPENDIX Q	Minimum Requirements for a Branch System	Q1
APPENDIX R	Relevant Sources of Electronic Information	R1
APPENDIX S	Sources of Information/Assistance	S1
APPENDIX T	List of Data Acquired by Capital Program Area	T1
APPENDIX U	Potential School Decision Model	U1

BEST COPY AVAILABLE

APPENDIX A

An Overview of Responsibilities and Activities of Each Position in the School Buildings Services Branch

APPENDIX A

AN OVERVIEW OF RESPONSIBILITIES AND ACTIVITIES OF EACH POSITION IN THE SCHOOL BUILDINGS SERVICES BRANCH

BEST COPY AVAILABLE

I. Responsibilities of the Director

Responsibilities include:
(i) the administration and planning of departmental policies and programs pertaining to the provision of new schools;
(ii) the maintenance and upgrading of existing schools promoting the effective utilization of existing facilities.

II. Policy, Planning and Technical Services

a) Responsibilities of the Associate Director

Responsibilities include:
(i) the administration and planning of departmental policies and programs pertaining to the provision of new schools,
(ii) the maintenance and upgrading of existing schools allowing the effective utilization of existing facilities;
(iii) the planning and co-ordination of a province-wide planning, technical, and information services to local school boards;
(iv) the supervision of the implementation of the School Modernization Program;
(v) the supervision of the Energy Conservation Program.

b) Responsibilities of the Planning Officer

Responsibilities include:
(i) the development and implemention of major research projects, conducting studies and making recommendations relative to planning and funding school facility projects in Alberta.

c) Responsibilities of the Energy Project Director

Responsibilities include:
(i) the design, organization and administering of an energy conservation program involving four energy consultants:
(ii) the development of training programs, the design of energy conservation practices and procedures, the development of submission procedures for consulting services, coordination and evaluation of the energy conservation program;
(iii) the promotion of energy consulting services and the use of the Building Quality Restoration Program fund for conservation measures.

c-1) Responsibilities of the Energy Engineers

Acting as energy consultants, the four engineers provide through the regional offices of Education consultative services to schools. Activities include establishing school building utility monitoring programs, undertaking detailed energy audits, recommending and designing conservation measures for electrical,

BEST COPY AVAILABLE

mechanical, and structural systems. In addition, the engineers assist in establishing local conservation committees, assisting in submissions for the Building Quality Restoration Program, and and assisting in tenders for projects and installation.

d) Responsibilities of the Engineer of Technical Services

Responsibilities include:
(i) the analysis, evaluation and monitoring of school modernization projects within the School Modernization Program, in-house school construction cost surveys, and the review and processing of Building Quality Restoration Program project applications are the three functions of this position.

e) Activities of the Researcher

Analysis of the information requirements of the Branch and the design and evaluation of an automated system for the Branch is one activity. Another activity is to assist the Research Planner with planning and research. Other activities include the updating of school facility data and their retrieval from existing systems in order that the Branch and Department staff may use them, as well as writing and editing of correspondence and reports generated by senior staff.

III. Administrative Services

a) Responsibilities of the Associate Director

Responsibilities include:
(i) the provision and supervision of administrative services in the Branch which enable Alberta School Boards to plan, construct, operate and maintain school buildings to meet the program related needs of their pupils;
(ii) the provision of input into the School Buildings Board as a means to assist Alberta School Boards to meet their capital project objectives.

b) Activities of the Co-Ordinator of the School Buildings Board

Activities include co-ordination of the operations of the School Buildings Board, and supervision of the support services in the Branch in terms of the New Funding Policy, Regulations, tendering, policies and programs relative to school facilities.

b-1) Activities of the Administrative Officer

Activities include maintaining records regarding school capital budgets and projects, and establishing and maintaining procedures to ensure that projects that are tendered under the Building

BEST COPY AVAILABLE

Quality Restoration Program and the New School Funding program do conform to the Tendering Regulations and the School Building Regulation.

b-2) Activities of one senior Technician

Activities include: (i) establishing a capacity rating for all schools in Alberta and maintaining the ratings through changes incurred by additions, renovations, modernizations, leases or other approved exemptions; (ii) providing a complete update on their facilities and their present utilization rate on an annual basis when requested by a local school board ; (iii) maintaining on a two to three week demand turnaround all Final Plans submitted for approval.

b-3) Activities of another senior Technician

Activities include: (i) retrieving gross areas and capacity ratings from Sketch and Final Plans; (ii) preparing a Facility Analysis for each project in accordance with the requirements of the School Building Regulation and advises local school boards and architects regarding any changes that are necessary to meet these regulations.

b-4) Activities of the Drafting Technologist

Activities include: (i) maintaining the small scale drawings of all schools in Alberta, altering the drawings when additions, modernizations, and renovations occur; (ii) completing the drawings for all new schools when tendering for construction; (iii) distributing the copies to those on a mailing list.

c) Responsibilities of the Co-Ordinator of BQRP

Responsibilities include:
(i) the administration and management of the budgetting and project approval process of the BQR Program;
(ii) planning and management of construction inspection services in support of school buildings programs;
(iii) provision of advisory and consultative services to the School Buildings Services Branch, the School Buildings Board, and school Boards and their consultants with respect to school plant operation anbd upgrading.

c-1) Activities of the four Construction Inspectors

Activities include the inspection of new school construction, renovations and BQRP projects, and making recommendations regarding financial support for the renovation and restoration programs.

BEST COPY AVAILABLE

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

[redacted] 1984 - [redacted] FACTORS"
$ 150,000 PLUS $30.00
PER PUPIL.

DIVISIONS

PROGRAM YEAR 1984

SCHOOL JURISDICTION	NO.	FROM SCHOOL BOARD'S SUMMARY SHEETS			FROM RECOGNITION OF NEED LETTERS		FINAL SUPPORT	COMMENTS
		ALLOCATION GOV'T PORTION	CONTROL FACTOR	SCHOOL BOARD ESTIMATE GOV'T PORTION	DEPT. ESTIMATE	MAXIMUM SUPPORT		
Lloydminster			156,810					
Berry Creek	1	37.072	154,200	41,010				
Cardston	2	58.532	234,150	58,532				
Medicine Hat	4	202,725	172,740	497,525				
Taber	6	227,095	217,470	564,069				
Acadia	8	119,190	169,440	119,190				
Rangeland	9	130,751	175,950	132,425				
Peace River	10	152,883	231,240	152,883				
Yellowhead	12		299,100					
Rocky Mountain House	15	410,970	239,490	551,707				
Neutral Hills	16	67,662	167,700	67,662				
Sturgeon	24	88,543	275,610	88,543				
Willow Creek	28	253,866	237,990	424,525				
Pincher Creek	29	138,707	186,240	138,707				
Starland	30	55,253	166,440	55,253				
Wainwright	32	74,347	196,800	74,347				
Provost	33	98,543	172,500	98,543				
Westlock	37	65,280	217,200	65,280				
Foothills	38	151,475	290,370	151,475				
Rocky View	41	338,210	381,900	369,778				
Spirit River	47	55,479	191,100	55,479				
High Prairie	48	260,991	254,130	308,775				
Fairview	50	128,549	194,040	128,549				
Lac La Biche	51	75,812	213,600	75,912				
Fort Vermilion	52	251,117	232,410	336,436				
East Smoky	54	106,640	205,950	106,640				
Three Hills	60	226,698	194,940	449,095				
Northland	61		224,490					
Drumheller Valley	62	57,965	186,720	57,965				
Crowsnest Pass	63	30,121	192,030	30,121				
Mount Rundle	64	34,425	170,910	34,425				

DIVISIONS BURP 1984

SCHOOL JURISDICTION	PRIORITY 1	PRIORITY 2	PRIORITY 3	TO BE DETERMINED	TOTAL
~~Lloydminster~~					
Berry Creek #1			41010		39 07
Cardston #2		23,140	32,798	2594	58 532
Medince Hat #4		202 725	294,800		497 525
Taber #6		128 736	435 333		564 06
Acadia #8	39 10	8835	57371	13656	118 98
Rangeland #9	22661	44858	[illegible]		13242
Peace River #10		39 156	96 653		152,88
Yellowhead #12	167110	212191	139203		518301
Rocky Mountain House #15	[illegible]	[illegible]	[illegible]		[illegible]
Neutral Hills #16		37275	30387		6766
Sturgeon #24		85689.		2853	8854
Willow Creek #28		263 811	160 714		424 525
Pincher Creek #29		122 393	16 314		138 707
Starland #30		4000	36325		55 25
Wainwright #32		46641	26091		74 34
Provost #33		[illegible]	[illegible]		9854
Westlock #37		28,000.	10944.	26336.	6528
Foothills #38		120 084	9438	21953	151 475
Rocky View #41		136795	138728	[illegible]	[illegible]
Spirit River #47				55,474	145 64
High Prairie #48		215 120	20 058	102 133	308 77
Fairview #50					
Lac La Biche #51			24108.	51704	75812
Fort Vermilion #52	[illegible]	[illegible]	85318		33643
East Smoky #54					10664
Three Hills #60		62146	383675		4458
Northland #61					
Drumheller Valley #62		13 271	30593		43864
Crowsnest Pass #63		21,294	8827		30121
Mount Rundle #64					
	635,498.	2,128,739.	2,292,098.	200,751.	525708

BEST COPY AVAILABLE

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

Starland School Division No. 30

365-2 STREET EAST, BOX 1570
DRUMHELLER, ALBERTA T0J 0Y0
Phone 823-2290

Wm. L. DOYLE
Superintendent of Schools

B. MOLTZAN
Secretary-Treasurer

February 2, 1983

[illegible]ED
[illegible] 1984
[illegible]NGS

Mr. Fiore Berlin
Program Coordinator
Devonian Building
5th Floor West Tower
11160 Jasper Avenue
EDMONTON, Alberta
T5K 0L2

Dear Sir:

RE: 1984 B.Q.R.P. APPLICATIONS

We have enclosed applications for 1984 B.Q.R.P. work for Morrin, Delia and Rumsey Schools, along with the Yearly Summary Sheets.

If you have any questions, please call.

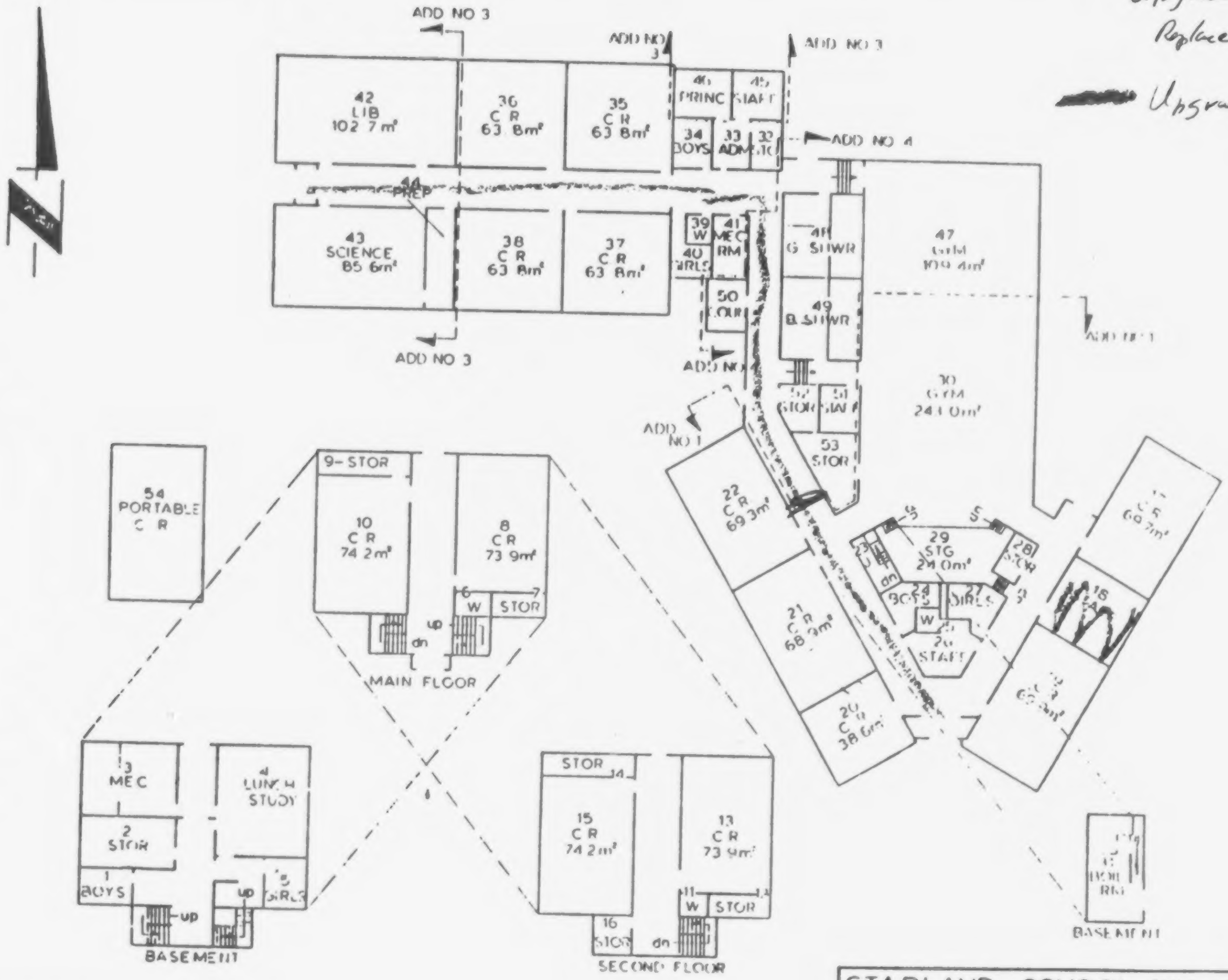
Bruce Moltzan
Secretary-Treasurer

/kc

enclosures

Upgrade Ceiling
Replace Valves + Coils

▬ Upgrade Flooring



ADD NO 3
ADD NO 3
ADD NO 3
ADD NO 3
ADD NO 4
ADD NO 4
ADD NO 1
ADD NO 1
42 LIB 102.7 m²
36 C R 63.8m²
35 C R 63.8m²
46 PRINC
45 STAFF
34 BOYS
33 ADM
32 STO
44 PREP
43 SCIENCE 85.6m²
38 C R 63.8m²
37 C R 63.8m²
39 W
41 MEC RM
40 GIRLS
50 COUR
48 G SHWR
49 B SHWR
47 GYM 109.4m²
30 GYM 243.0m²
52 STOR
51 STAFF
53 STOR
22 C R 69.3m²
21 C R 68.9m²
20 C R 38.6m²
29 STG 24.0m²
23
28 STOR
24 BOYS
27 GIRLS
W
26 STAFF
dn
16
18
19 C R 69.3m²
54 PORTABLE C R
9-STOR
10 C R 74.2m²
8 C R 73.9m²
6 W
7 STOR
up
dn
MAIN FLOOR
3 MEC
4 LUNCH STUDY
2 STOR
1 BOYS
5 GIRLS
up
up
BASEMENT
STOR
14
15 C R 74.2m²
13 C R 73.9m²
11 W
12 STOR
16 STOR
dn
SECOND FLOOR
BOIL RM
BASEMENT

1" = 20'
0 5 10 25 50
1 3 5 10 15m

WASHROOMS	BOY'S	GIRL'S
BOWLS	8	6
WATER CLOSETS	6	9
URINALS	9	

STARLAND SCHOOL DIV № 30
DELIA SCHOOL DISTRICT NO 3[illegible]
DELIA SCHOOL
SCHOOL BUILDINGS BRANCH
date OCT 6/72 | dwn by J.L. | scale [illegible]
FLOOR PLANS | CODE 5202 | sheet 2 of 3

BEST COPY AVAILABLE

BEST COPY AVAILABLE

BQRP

BQRP-A-84

APPLICATION FORM

Submit Application Forms and All Related Material in Duplicate. Please refer to Instructions on the Back of this page

PROGRAM YEAR 19 84

CHOOL JURISDICTION STARLAND SCHOOL DIVISION

NO. 30

CHOOL NAME DELIA SCHOOL

LOCATION DELIA

h. Board iority umber	BQRP Category	Proposal (Specific details required) List Proposals in order of Priority	Age of * Construction	Cost Estimate
2	1(c)	Upgrade Floor Covering		
		Carpet Room 18 38 m^2	1956	1,000
		Carpet Hallway Sr. 135 m^2	1959	3,875
		Carpet Hallway Jr. 238 m^2	1975 & 1956	6,900
		Carpet Room 36 (Business Lab) 64 m^2	1959	2,500
3	1(e)	Upgrade Ceiling Room 18 38 m^2 (Suspended Ceiling)	1956	500
1	2(d)ii	Replacement of Valves and Controls for Heating (See Attached Letter)	1959	10,660
			Total	$ 25,435

etary-Treasurer Date Feb 2 19 84

ge of that section of building in which the proposed project is being considered, or year that this omponent last received funds under a similar BQRP.

vard applications and all related material to Co-ordinator of BQRP School Buildings Services Branch.

REVISED
BQRP-S-84

BQRP

YEARLY SUMMARY SHEET

Submit Summary Sheet and All Related Material in Duplicate. Please refer to Instructions on the Back of this page

PROGRAM YEAR 19 84

HOOL JURISDICTION STARLAND SCHOOL DIVISION NO. 30

SCHOOL BOARD USE (Complete All Columns)							Dept. Use Only	
chool Name	Identification of Project	Overall Local Prior-ity	Pro-vincial Prior-ity	Estimated Government Support	Estimated Local Cost	Total	Meets Prior-ity	Estimated Governmen Support*
DELIA SCHOOL	Upgrade Floor Covering	11	3	8,565	5,710	14,275	*	8,565.0
	Upgrade Ceiling	10	3	400	100	500	*	400.0
	Replace Heating Valves, etc	1	2E	8,528	2,132	10,660	*	8,528.0
RUMSEY SCHOOL	Replace Lighting	6	2	3,200	800	4,000	*	3,200.0
	Insulation	5	2E	6,400	1,600	8,000	*	6,400.0
	Block Out Windows	4	23	3,200	800	4,000	*	3,200.00
	Replace Door	2	23	1,600	400	2,000	*	1,600.00
	Floor Covering	12	3	3,280	820	4,100	*	3,280.00
MORRIN SCHOOL	Block Out Windows	3	23	4,000	1,000	5,000	*	4,000.00
	Clsm Doors	7	23	800	200	1,000	*	800.00
	Replace Lockers	8	3	5,120	1,280	6,400	*	5,120.00
	Replace Fountains	14	23	800	200	1,000	*	800.00
	Replace Tack Boards	9	3	1,040	260	1,300	*	1,040.00
	Upgrade Floor	13	3	8,320	2,080	10,400	*	8,320.00
b-totals for this sheet				$ 55,253	$ 17,382	$ 72,635		$ 55,253.00
tal for Your Jurisdiction (last sheet)				$ 55,253	$ 17,382	$ 72,635		$ 55,253.00

hool Board Motion: (Please Quote)

MOTION #1004-84 Moved by Mr. Richmond that the Secretary-Treasurer apply to the Building Quality Restoration Program for funding the various projects outlined in the Board's 1984 Budget.

CARRIED: Unanimously

Secretary-Treasurer Date Feb 2 19 84

For budget purposes only. Official recognition must be received from the School Buildings Board before ommencing the project.

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary
Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch
Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

Starland School Division No. 30

365-2 STREET EAST, BOX 1570
DRUMHELLER, ALBERTA T0J 0Y0
Phone 823-2290

Wm. L. DOYLE
Superintendent of Schools

MURRAY DONAGHY
Secretary-Treasurer

RECEIVED
OCT 23 1984
SCHOOL BUILDINGS

FILE: 455-11

October 19, 1984

Mr. Fiore Berlin
Co-ordinator B.Q.R.P.
Finance and Administration
ALBERTA EDUCATION
5th Floor West Devonian Building
11160 Jasper Avenue
EDMONTON, Alberta
T5K 0L2

RE: 1984 B.Q.R.P.

Thanks for coordinating this program again this year.

I have completed and enclosed the claim forms (#1304 - 1315 - 84) for 1984 B.Q.R.P. work at our schools.

Please direct any inquiries to myself.

Yours truly,

Murray Donaghy
Secretary-Treasurer

/kc

enclosures

BEST COPY AVAILABLE

School Jurisdiction

19 84 Recognition of Need

Starland School Division No. 30 Name of School Delia

Part A (To be completed by School Buildings Board)				Part B (To be completed by the Secretary-Treasurer) REFER TO INSTRUCTIONS ON REVERSE SIDE					Part C (To be completed by Alberta Education Construction Inspector)	
Min. No.	Item & Cat.#	Description	Maximum Recognition	Final Cost (A)	Vendor (B)	Invoice No. (C)	Amount of Invoice (D)	Amount Claimed (E)	Inspector's Comment	Maximum Approval
73632B	1a(1c)	Upgrade Floor Covering (1956 Section) $985.00 x .8500 =	$ 837.00	$ 900.00	MAGIC CARPET LTD	AUGUST 15/84	13,662.50	900.00	Completed as Recognized $900.00 x .8500 =	$ 765.00
	1b(1c)	Upgrade Floor Covering (1956 Section) $8,735.00 x 2/3 x .8500 =	$ 4,950.00	$ 5,250.00	MAGIC CARPET LTD	AUGUST 15/84	13,662.50	5,250.00	Completed as Recognized $5,250.00 2/3 x .8500 =	$2,975.00
	2(1e)	Upgrade Ceiling (1956 Section) $1,026.00 x .8500 =	$ 872.00	$ 774.00	MEL'S WORKSHOP	SEPT 12/84	17,411.20	774.00	Completed as Recognized $774.00 x .8500 =	$ 658.00
	3(6)	Energy Conservation Upgrading (1956, 1959, 1969 and 1975 Sections) $9,612.00 x .8500 =	$ 8,170.00	$10,660.00	JOHNSON CONTROLS LTD	596515	10,660.00	10,660.00	Completed as Recognized $9,612.00 x .8500 =	$8,170.00
										$12,568.00
									$ 12,568.00 Administration Fee x [illegible] =	$ 251.00
		TOTAL	$14,829.00					17,584.00	TOTAL	$12,819.00

AUTHORIZATION

Co-ordinator and Secretary
School Buildings Board
Date May 18, 19 84

Departmental Use Only ☐☐☐☐

I ______________ do solemnly declare
(Signed by: Secretary-Treasurer)
that the information reported above is true and correct, and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force as if made under oath

DATE: October 19 19 84

INSPECTION REPORT BY:

Inspector

F. Barlin
Program Co-ordinator
Date May 12 19 85

To be returned to Fiore Barlin Program Co-ordinator, School Buildings Services

PROCEDURES

(1) Upon completion of the total project, (all project items must be accounted for) fill out Part "B" as follows:

- (i) Column (A) Final Cost - List final costs for each project item (or sub-item) recognized. A combined cost will not be accepted. If the work will not be done indicate by marking cancelled.
- (ii) Column (B) Vendor - Provide the name of the vendor.
- (iii) Column (C) Invoice No. - Fill in the vendor's invoice number.
- (iv) Column (D) Amount of Invoice - Give the total amount of invoice.
- (v) Column (E) Amount Claimed - Give the amounts on invoice(s) applicable to this phase.

(2) Where an invoice reflects materials, supplies and labour purchases for other parts of this project, or for other projects, whether approved or not, the total invoice amount should be reconciled on an attachment.

(3) It is not necessary to submit receipts, cancelled cheques of invoices.

NOTE:

Alberta Education and Auditor General of Alberta reserve the right to review the financial records of the school board relative to this program.

Records should include -

(a) invoices listed on the claim

(b) schedules showing labor costs for board employed (full-time, part-time, or contract) who have worked on a project. The schedule should provide

- i) the individuals name
- ii) hours worked on each project
- iii) hourly rate of pay
- iv) time sheets should support the schedule

This schedule should be certified by the Secretary-Treasurer.

(c) Statements giving costs of items used from stock (inventory) should be related to individual projects on which the materials were used. This schedule should be certified by the Secretary-Treasurer.

When Part "B" is completed, submit two copies of the statement to:

Program Co-ordinator
School Buildings Services
Devonian Building, 5th Floor West
11160 - Jasper Avenue
Edmonton, Alberta
T5K 0L2

School Buildings Services will submit this form to Grants Administration for processing.

BEST COPY AVAILABLE

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

Alberta
EDUCATION

Devonian Building, West Tower, 11160 Jasper Avenue, Edmonton, Alberta, Canada T5K 0L2

1984 05 18
Minute No. 73632B

Mr. B. Moltzan
Secretary-Treasurer
Starland School Division No. 30
365 - 2 Street E.
DRUMHELLER, Alberta
T0J 0Y0

Dear Mr. Moltzan:

Re: Building Quality Restoration Program 1984
Delia School

At a recent meeting of the School Buildings Board regarding the Building Quality Restoration Program, recognition of need was given, up to the following maximum(s), for:

Delia School

1a(1c) Upgrade Floor Covering (1956 Section)

Staff Room No. 18

To include:
- Carpet - 38 m^2

$985.00 x .8500 = $ 837.00
Maximum Support

1b(1c) Upgrade Floor Covering (1956 Section)

North Corridor - 135 m^2
East Corridor - 138 m^2 238 m^2
Business Lab - 64 m^2

To include:
- Carpet - 337 m^2

$8,735.00 x 2/3 x .8500 = $ 4,950.00
Maximum Support

Phone MURRAY

Support is predicated on the upgrading as listed above.

2(1e) Upgrade Ceiling (1956 Section)

Staff Room No. 18

To include:
- Suspended T-bar ceiling
- Relocate lights

$1,026.00 x .8500 = $ 872.00
Maximum Support

Support is predicated on the installation of a T-bar ceiling. Support is also to include the relocation of light fixtures.

3(6) Energy Conservation Upgrading (1956, 1959, 1969 and 1975 Sections)

- Time clock - 1 unit
- Day/night thermostats - 17 units
- Valve control - 17 units

$9,612.00 x .8500 = $ 8,170.00
Maximum Support

Support is predicated on the installation of a temperature night setback system.

If applicable, the distance allowance has been included in calculating the support level.

Enclosed is a copy of the Building Quality Restoration Program Statement form No. 1304-1315-84. Upon completion of the total project, please complete Part B for each specific amount recognized and return two copies for processing. Procedures are outlined on the back of this form.

School systems with less than 15,000 pupils are required to adhere to School Buildings Tendering Regulation (AR 333/77) for any one B.Q.R.P. project item receiving more than $100,000 government support. (NOTE: A project could have several items in one school which total over $100,000. This section refers to one item only).

It must be remembered that where Government support for an all inclusive item exceeds $100,000.00, the original tender or other proposed scheme of construction must be submitted to the School Buildings Services Branch for Ministerial approval prior to commencement of work. Please provide relevant B.Q.R.P. approval minute numbers.

It is recommended that the pertinent Field Administrative Officer, School Business Administration Services, Alberta Education, be contacted with a view to determining financing procedure before the project recognized above is started.

Yours truly,

L. S. Grant
Co-ordinator and Secretary
School Buildings Board

LSG:klb
Encls.

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

Date: April 26/84

BEST COPY AVAILABLE

SCHOOL BUILDINGS BRANCH
INSPECTORS REPORT FORM

PROGRAM: BUILDING QUALITY RESTORATION PROGRAM, 1984

SCHOOL JURISDICTION: Starland Div NO. 30

SCHOOL: Delia

LOCATION: "

CONCENTRIC RING NO. 3

BUILDING INSPECTOR: W.B.

DATE OF INSPECTION: April 18/84

(Equity Factor ________)

Date of Const.	Item & Cat. No.	Projects	Gov't Support
1956 19 19 19	1a(ci)	Upgrade floor covering (1956 Sect) Staff room # 18, 38 m² to include installation — carpet 38 m² X 24.00 = 912.00 ✓ Dept estimate 912.00 ✓ Distance factor 8% $985.00 ✓ 985.00 + .8500 = 837.00 ✓ max support $837.00 ✓	
1956 1959	1b(ciii)	Upgrade floor covering (1956 Section) North corridor 135 m² East corridor 138 m² Business lab! 64 m² 337 m² ✓ TO INCLUDE: carpet 337 m² X 24.00 = $8088.00 ✓ Dept estimate $8028.00 ✓ Distance 7% = $8735.00 ✓ $8735.00 X 2/3 X .8500 = $4950.00 ✓ MAX SUPPORT Support is predicated on the upgrading as listed above.	
1956	2 1e	Upgrade ceiling. (1956 Section) Staff Room # 18 38 m² TO INCLUDE: Suspended T.Bar. 38 m² X 22 = 836.00 ✓ relocate lights 38 m² X 3 = 114.00 ✓ Dept estimate $950.00 ✓ Distance 8% = 1026 ✓ 1026.00 X .8500 = $872.00 ✓ max support Support is predicated on the installation of a T Bar ceiling. Support is also to include the relocation of light fixtures.	

DATE: May 8, 1984

73672B

SCHOOL BUILDINGS BRANCH
INSPECTORS REPORT FORM

PROGRAM: BUILDING QUALITY RESTORATION PROGRAM, 1984

SCHOOL JURISDICTION: Starland School Division NO. 30

SCHOOL: Delia School

LOCATION: Delia CONCENTRIC RING NO. 3

BUILDING INSPECTOR: Wm. Belous DATE OF INSPECTION: April 18, 1984

(Equity Factor.8500)

Date of Const.	Item & Cat. No.	Projects	Gov't Support
	1a(1c)	Upgrade Floor Covering (1956 Section)	
		Staff Room No. 18 - 38 m^2	
		To include: - Carpet - 38 m^2	
		\$985.00 x .8500 =	\$ 837.00 Maximum Support 837
	1b(1c)	Upgrade Floor Covering (1956 Section)	
		North Corridor - 135 m^2 East Corridor - 138 m^2 Business Lab - 64 m^2	
		To include: - Carpet - 337 m^2	
		\$8,735.00 x 2/3 x .8500 =	\$ 4,950.00 Maximum Support
		Support is predicated on the upgrading as listed above.	4950
	2(1e)	Upgrade Ceiling (1956 Section)	
		Staff Room No. 18 - 38 m^2	
		To include: - Suspended T-bar ceiling - Relocate lights	
		\$1,026.00 x .8500 =	\$ 872.00 Maximum Support
		Support is predicated on the installation of a T-bar ceiling. Support is also to include the relocation of light fixtures.	872
	3(6)	Energy Conservation Upgrading (1956, 1959, 1969 and 1975 Sections)	
		- Time clock - 1 unit - Day/night thermostats - 17 units - Valve control - 17 units	
		\$9,612.00 x .8500 =	\$ 8,170.00 Maximum Support
		Support is predicated on the installation of a temperature night setback system.	8170

BEST COPY AVAILABLE

DATE: ______

SCHOOL BUILDINGS BRANCH
INSPECTORS REPORT FORM

PROGRAM: BUILDING QUALITY RESTORATION PROGRAM, 19__

SCHOOL JURISDICTION: ______ NO. ______

SCHOOL: ______

LOCATION: ______ CONCENTRIC RING NO. ______

BUILDING INSPECTOR: ______ DATE OF INSPECTION: ______

(Equity Factor ______) (Minimum Age 7 years)

Date of Const.	Item & Cat. No.	Projects	Gov't Support
1956 1959 1969 1975	3 (6)	Energy Conservation (1956, 1959, 1969 & 1975 [illegible] To include:	

Type of Component	Units		Price		
1 Time Clock	1 unit	x	400	=	$ 400 ✓
[illegible]		x		=	$
~~desk/night~~		x		=	$
Thermostats	17 unit	x	300	=	$ 5100 ✓
Valve controls	17 unit	x	200	=	$ 3400 ✓

Department Estimate = $ 8900 ✓
Distance Factor 8 % = $ 9612 ✓
Contingency Allowance 5% = $ ______

Project Estimate = $ 9612 ✓

$ 9612 .00 x 1 x .8500 = $ 8170 ✓
Maximum Support

Support is predicated on the installation of air circulating fans including wire guards and all necessary wiring. Installation is to meet the minimum requirements of the Electrical Protection Branch.

Support is to be applied toward the items as listed. However, if the school board so wishes, this support may be used toward a programmed system (on-site costs only).

Support is predicated on the provisions of a vestibule enclosure. Installation is to meet the minimum requirements of the Alberta Building Standards Branch.

Support is to include the installation of a low leakage motorized fresh air damper.

Support is predicated on the installation of controls for car plug-ins. All upgrading is to meet the minimum requirements of the Electrical Protection Branch.

Support is predicated on the installation of a temperature night setback system.

WB

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

Assigned to: TG

INSPECTORS RECORD CARD
NEW CONSTRUCTION OR RENOVATIONS

Date: SEP 24 1982

SCHOOL JURISDICTION: High PRAIRIE Sch. Div 48

PROJECT NAME: High PRAIRIE ELEM

LOCATION: High PRAIRIE

CONSTRUCTION CAT.: ADDITION + MOD

PLAN NUMBER: 6203 MINUTE NUMBER: 81-3

TENDER OR SCHEME APPROVAL	DATES OF INSPECTIONS AND % COMPLETE				
	1st	2nd	3rd	4th	5th
AUG 20 1982	FEB 17 1983 30% TG.	MAY 26 1983 50% TG.	NOV 24 1983 100%		

COMMENTS:

BEST COPY AVAILABLE

APPENDIX B

Data Acquired from BQRP Process

B 1. Example of Control Factor

B 2. Example of Application and Yearly Summary Sheet

B 3. Example of Completed Claims Form

B 4. Example of School Buildings Board Minute

B 5. Example of School Buildings Services Branch Inspector's Report Form

B 6. Example of Inspector's Report Form

B 7. Final Letter

BEST COPY AVAILABLE

Alberta
EDUCATION

MEMORANDUM

FROM F. Berlin
School Buildings Services

OUR FILE REFERENCE

YOUR FILE REFERENCE

TO G. Baron
Grants Administration

DATE March 12, 1985

TELEPHONE

SUBJECT BUILDING QUALITY RESTORATION PROGRAM 1984
STARLAND SCHOOL DIVISION NO. 30
DELIA SCHOOL S.B.B.M. NO. 73632B
RUMSEY SCHOOL S.B.B.M. NO. 73634B

The above noted project is complete and may be processed for payment.

FB

F. Berlin
Program Coordinator

ENC.

FB/hs

APPENDIX C

Data Acquired from Sample Facility Evaluation Reports

APPENDIX C

DATA ACQUIRED FROM SAMPLE FACILITY EVALUATION REQUEST

List of Data	Main Building	Brick Building	Masonry Building	Entire School
Program Accommodation				
- Grade Level	x	x	x	
- Age of Building	x	x	x	
- Building Contents	x	x	x	
- Fixed capacity	x	x	x	
- Enrolment	x	x	x	
- Space Utilization Ratio	x	x	x	
- Gross Area	x	x		
- Ideal Capacity	x	x	x	
- Deficiencies in School Plant	x	x		
Building Condition				
- Structural and Architectural	x	x	x	
- Mechanical Systems	x	x		
- Electrical System	x	x		
Custodial And Maintenance Services	x	x	x	
Enrolment Projections and Future Facility Requirements	x	x	x	
Recommendations	x	x	x	
Supplementary Tables				
- Enrolment History				x
- Enrolment Projection				x
- Zero Growth				x
- 1.5% Growth				x

Source: Facility Evaluation Report, Ponoka Elementary School, County of Ponoka No. 3 (Selected at Random).

APPENDIX D

EDIS Database Reports

D 1. EDIS Database Report Used By School
Buildings Services Branch

D 2. Information Kept Up-to-date on Each
School

D 3. Most Used Reports

D 4. Little Used Reports

D 5. Education Information System (EDIS)
User Reports

BEST COPY AVAILABLE

APPENDIX D

EDIS Database Reports

D 1. EDIS Database Report Used By School Buildings Services Branch

D 2. Information Kept Up-to-date on Each School

D 3. Most Used Reports

D 4. Little Used Reports

D 5. Education Information System (EDIS) User Reports

BEST COPY AVAILABLE

APPENDIX D1

EDIS DATABASE REPORT USED BY SCHOOL BUILDINGS SERVICES BRANCH

Data on Each School

1. Small scale floor plans
2. Jurisdiction, zone
3. School Code
4. Plant ID
5. Status of Plant, Effective Date
6. Type of Plant
7. No. of Floors
8. Grade Level
9. Facilities Information:
    - No. of Rooms
    - No. of Rooms In Use
    - Type of Area
    - Plan No.
    - Year Built
    - Form of Construction
    - Year of Renovation or Construction
    - Instructional Area Size
    - Non-instructional Area Size
    - Other Area Size
    - Total Area
10. Projects Information:
    - Project Name
    - Minute No.
    - Recognition Date
    - Plan No.
    - Tender Date
    - Completion Date
    - Year of Capital Plan
    - Net Change to Gross Area
    - Scheme of Construction
    - Type of Plant
    - Category of Construction
    - Status of Project
    - Estimated Cost
    - Tender Cost
    - Prorated Tender Cost
    - Maximum Support Amount
    - Estimated Support
    - Final Cost
    - Final Support
    - Structural Data of Project

11. *B.Q.R.P. Modernization Information:*
    - Project Name, School Code, Plant ID
    - Minute No.
    - Recognition Date
    - Category
    - Estimated Cost and Support
    - Final Cost and Support
    - % Final Support
12. Fixed Capacity
13. Net Capacity
14. Utilization Factor
15. School Administration Data
16. Enrolment Data

APPENDIX D

EDIS Database Reports

D 1. EDIS Database Report Used By School Buildings Services Branch

D 2. Information Kept Up-to-date on Each School

D 3. Most Used Reports

D 4. Little Used Reports

D 5. Education Information System (EDIS) User Reports

BEST COPY AVAILABLE

APPENDIX D2

INFORMATION KEPT UP-TO-DATE ON EACH SCHOOL:

1. Plant Status Report
2. Original Construction Project of School
3. Additions
4. Renovations
5. B.Q.R.P. - Modernizations

ZONE	TYPE OF JURISDICTION
4	COUNTY

JURISDICTION CODE	NAME
2140	COUNTY OF LACOMBE #14

SCHOOL CODE	NAME
4308	LACOMBE JUNIOR HIGH SCH

PLANT ID.	PLANT STATUS	EFFECTIVE DATE	PLANT TYPE	NO. OF FLOORS	BOYS WASHROOM FIXTURES	GIRLS WASHROOM FIXTURES	PLANT GRADE LEVEL
00287A	ACTIVE	09-48	PERMANENT OVER 750 M2	1	22	10	JR. HIGH

CURRENT CONFIGURATION

NO. OF ROOMS	ROOMS IN USE	TYPE OF AREA	ARCH.PLAN NO.	YEAR BUILT	FORM OF CONST.	YEAR OF RENOVATION OR CONST.	YEAR DELETED	INST. AREA SIZE M2	NON-INST. AREA SIZE M2	OTHER AREA SIZE M2	TOTAL AREA M2	RATIO OF INSTRUCTIONAL TO NON-INSTRUCTIONAL	ASSOC. SCHOOL CODE
4	4	ANC	03861	62	MASONRY	62		371					4308
8	8	CR	01664	48	MASONRY	48		510					4308
5	5	CR	03861	62	MASONRY	62		359					4308
1	1	HEC	01664	48	MASONRY	48		156					4308
2	2	IA	01664	48	MASONRY	48		456					4308
1	1	SCI	01664	48	MASONRY	48		82					4308
1	1	SCI	03861	62	MASONRY	62		108					4308
2	2	GMS	01664	48	MASONRY	48		50					4308
1	1	GYM	01664	48	MASONRY	48		443					4308
1	1	LIB	03861	62	MASONRY	62		152					4308
1	1	STG	01664	48	MASONRY	48		90					4308
5	5	ADM	01664	48	MASONRY	48			98				4308
1	1	ADM	03861	62	MASONRY	62			21				4308
1	1	CNS	01664	48	MASONRY	48			20				4308
2	2	INF	01664	48	MASONRY	48			49				4308
2	2	SDA	01664	48	MASONRY	48			87				4308
2	2	SDA	0NK80	47 80	MASONRY	80			118				4308
1	1	SWR	01664	48	MASONRY	48			21				4308
1	1	SWR	03861	62	MASONRY	62			34				4308
							TOTALS	2,777	448	1,411	4,636	60 : 40	

BEST COPY AVAILABLE

```
JURISDICTION                             OWNER SCHOOL                                                      PLANT
CODE     NAME                            CODE     NAME                        PROJECT NAME                  ID

2140 COUNTY OF LACOMBE #14               4308 LACOMBE JUNIOR HIGH SCH     LACOMBE JR HIGH NEW 1948        00287A

                                 TENDER OR
                                  SCHEME                                  NET     NET CHANGE
                          ARCH                   COMPLETION    YEAR OF    CHANGE  WASHROOM       NET CHANGE
MINUTE   RECOGNITION      PLAN    APPROVAL          DATE       CAPITAL    NO. OF  FIXTURES          TO
NUMBER       DATE        NUMBER     DATE       (IF AVAILABLE)   PLAN      FLOORS  BOYS   GIRLS   GROSS AREA

99450      48/06/15      01664    49/04/13        49/12/01      00-0        0       0      0        2,985

SCHEME                         TYPE                            CATEGORY               STATUS

PUBLIC TENDER                  PERMANENT OVER 750 M2           NEW                    HISTORY

                     BASIC          PRO-RATED      MAXIMUM         ESTIMATED         FINAL
ESTIMATED            TENDER         TENDER         SUPPORT          SUPPORT          SUPPORT          FINAL
  COST                COST          COST (M2)      AMOUNT(M2)       AMOUNT           AMOUNT           COST

   260,000           254,024          85.10          21.27           63,506           63,506         254,024
```

BEST COPY AVAILABLE

JURISDICTION CODE NAME	OWNER SCHOOL CODE NAME	PROJECT NAME	PLANT ID
2140 COUNTY OF LACOMBE #14	4308 LACOMBE JUNIOR HIGH SCH	LACOMBE JR HIGH ADD 1962	00287A

MINUTE NUMBER	RECOGNITION DATE	ARCH PLAN NUMBER	TENDER OR SCHEME APPROVAL DATE	COMPLETION DATE (IF AVAILABLE)	YEAR OF CAPITAL PLAN	NET CHANGE NO. OF FLOORS	NET CHANGE WASHROOM FIXTURES BOYS	GIRLS	NET CHANGE TO GROSS AREA
99449	62/02/20	03861	62/06/06	63/02/18	00-0	0	0	0	1,651

SCHEME	TYPE	CATEGORY	STATUS
PUBLIC TENDER	PERMANENT OVER 750 M2	ADDITION	HISTORY

ESTIMATED COST	BASIC TENDER COST	PRO-RATED TENDER COST (M2)	MAXIMUM SUPPORT AMOUNT(M2)	ESTIMATED SUPPORT AMOUNT	FINAL SUPPORT AMOUNT	FINAL COST
209,000	219,534	131.03	46.07	80,000	76,076	216,344

BEST COPY AVAILABLE

JURISDICTION CODE NAME	OWNER SCHOOL CODE NAME	PROJECT NAME	PLANT ID
2140 COUNTY OF LACOMBE #14	4308 LACOMBE JUNIOR HIGH SCH	LACOMBE JR HI RENOVATIONS	00287A

MINUTE NUMBER	RECOGNITION DATE	ARCH PLAN NUMBER	TENDER OR SCHEME APPROVAL DATE	COMPLETION DATE (IF AVAILABLE)	YEAR OF CAPITAL PLAN	NET CHANGE NO. OF FLOORS	NET CHANGE WASHROOM FIXTURES BOYS	GIRLS	NET CHANGE TO GROSS AREA
13804	79/06/18	0NK80	80/02/18	80/12/05	79-1	0	0	0	0

SCHEME	TYPE	CATEGORY	STATUS
DAY LABOUR	PERMANENT OVER 750 M2	RENOVATION	HISTORY

ESTIMATED COST	BASIC TENDER COST	PRO-RATED TENDER COST (M2)	MAXIMUM SUPPORT AMOUNT(M2)	ESTIMATED SUPPORT AMOUNT	FINAL SUPPORT AMOUNT	FINAL COST
40,000	40,000	357.14	283.79	36,100	40,298	50,714

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS SERVICES

```
JURISDICTION                                 OWNER SCHOOL                           PROJECT                                   PLANT
CODE      NAME                               CODE     NAME                          NAME                                      ID

2140 COUNTY OF LACOMBE #14                   4308                                   LACOMBE JR BQRP 1974                      00287A

MINUTE    RECOGNITION      PLAN        SCHEME OF                     APPROVAL   COMPLETION  WASHROOM FIXTURE CHANGE           PROJECT
NUMBER       DATE         NUMBER       CONSTRUCTION                    DATE        DATE              BOYS      GIRLS          STATUS

 07350     74/08/12        RENOV     DAY LABOUR                      74/11/12   75/12/18               0         0          COMPLETED

CATEGORY                              ESTIMATED        ESTIMATED            FINAL             FINAL
                                        COST            SUPPORT              COST             SUPPORT

STRUCTURAL                              4,130            2,200              1,489             2,163

MECHANICAL

ELECTRICAL                              6,840            5,472              6,547             5,072

CODE REQUIREMENTS

VOCATIONAL EQUIP. REPLACEMENT

MODERNIZATION - AESTHETICS

MODERNIZATION - FUNCTIONAL

TOTAL                                  10,970            7,672              8,036             7,235
```

BEST COPY AVAILABLE

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

APPENDIX D

EDIS Database Reports

D 1. EDIS Database Report Used By School Buildings Services Branch

D 2. Information Kept Up-to-date on Each School

D 3. Most Used Reports

D 4. Little Used Reports

D 5. Education Information System (EDIS) User Reports

BEST COPY AVAILABLE

APPENDIX D3

MOST USE REPORTS:

1. Plant Status
2. Plants and Associated Projects
3. Facilities Cross Reference Report
4. School and School Administrator Data Breakdown
5. B.Q.R.P.
6. Construction Projects
7. Capital Plan
8. Enrolments
9. Schools by Area Type

ONE TYPE OF JURISDICTION

4 COUNTY

JURISDICTION
CODE NAME

2140 COUNTY OF LACOMBE #14

SCHOOL
CODE NAME

4308 LACOMBE JUNIOR HIGH SCH

LANT ID.	PLANT STATUS	EFFECTIVE DATE	PLANT TYPE	NO. OF FLOORS	BOYS WASHROOM FIXTURES	GIRLS WASHROOM FIXTURES	PLANT GRADE LEVEL
0287A	ACTIVE	09-48	PERMANENT OVER 750 M2	1	22	10	JR. HIGH

D. OF OOMS	ROOMS IN USE	TYPE OF AREA	ARCH.PLAN NO.	YEAR BUILT	FORM OF CONST.	YEAR OF RENOVATION OR CONST.	YEAR DELETED	INST. AREA SIZE M2	NON-INST. AREA SIZE M2	OTHER AREA SIZE M2	TOTAL AREA M2	RATIO OF INSTRUCTIONAL TO NON-INSTRUCTIONAL	ASSOC. SCHOOL CODE
CURRENT CONFIGURATION													
4	4	ANC	03861	62	MASONRY	62		371					4308
8	8	CR	01664	48	MASONRY	48		510					4308
5	5	CR	03861	62	MASONRY	62		359					4308
1	1	HEC	01664	48	MASONRY	48		156					4308
2	2	IA	01664	48	MASONRY	48		456					4308
1	1	SCI	01664	48	MASONRY	48		82					4308
1	1	SCI	03861	62	MASONRY	62		108					4308
2	2	GMS	01664	48	MASONRY	48		50					4308
1	1	GYM	01664	48	MASONRY	48		443					4308
1	1	LIB	03861	62	MASONRY	62		152					4308
1	1	STG	01664	48	MASONRY	48		90					4308
5	5	ADM	01664	48	MASONRY	48			98				4308
1	1	ADM	03861	62	MASONRY	62			21				4308
1	1	CNS	01664	48	MASONRY	48			20				4308
2	2	INF	01664	48	MASONRY	48			49				4308
2	2	SDA	01664	48	MASONRY	48			87				4308
2	2	SDA	0NK80	47 80	MASONRY	80			118				4308
1	1	SWR	01664	48	MASONRY	48			21				4308
1	1	SWR	03861	62	MASONRY	62			34				4308
							TOTALS	2,777	448	1,411	4,636	60 : 40	

BEST COPY AVAILABLE

PLANTS AND THEIR ASSOCIATED PROJECTS

LANT ID	OWNER SCHOOL	PROJECT ID	PROJECT STATUS	PROJECT NAME
00001A	6101	1743900001A	I	M D MCEACHERN SCH BQRP 1981
		7168000001A	I	M D MCEACHERN SCH BQRP 1982
		7307000001A	I	M D MCEACHERN SCH
		9999900001A	H	MD MCEACHERN SCHOOL-1962-NEW
00002A	6102	0041100002A	H	ISABELLE SELLON SCHOOL RENOV
		0166900002A	H	ISABELLE SELLON-1963
		1109700002A	I	ISABELLE SALLON SCH BQRP 1976
		1238200002A	H	ISABELLE SELLON BQRP 1977
		1434100002A	I	ISABELLE SELLON SCH BQRP 1979
		1471900002A	I	ISABELLE SELLON JR/SR BQRP '79
		1738600002A	I	ISABELLE SELLON SCH BQRP 1981
		1743800002A	I	ISABELLE SELLON SCH BQRP 1981
		1780100002A	I	ISABELLE SELLON SCH BQRP 1981
		7011600002A	I	ISABELLE SELLON SCH BQRP 1981
		7172300002A	I	ISABELLE SELLON SCH BQRP 1982
		7306900002A	I	ISABELLE SELLON SCH
		9999900002A	H	ISABELLE SELLON-1960-NEW
00003A	6105	0033800003A	H	HORACE ALLEN - 1963
		1161300003A	H	HORACE ALLEN-RENOV-1976
		1291600003A	I	HORACE ALLEN SCH BQRP 1978
		1425700003A	I	HORACE ALLEN SCH BQRP 1979
		1471800003A	I	HORACE ALLEN JR BQRP 1979
		1587900003A	I	HORACE ALLEN SCH BQRP 1980
		1738500003A	I	HORACE ALLEN SCH BQRP 1981
		7172200003A	I	HORACE ALLEN SCH BQRP 1982
		9021300003A	I	HORACE ALLEN SCH BQRP 1982
00004A	6106	0466700004A	H	CROWSNEST PASS CONS HS 1969
		1052500004A	H	CROWSNEST CONS HIGH BQRP 1976
		1271000004A	H	CROWSNEST CONS HIGH -RENOV 78
		1291500004A	I	CROWSNEST CONS HIGH BQRP 1978
		1471700004A	I	CROWSNEST CONS HIGH BQRP 1979
		1662100004A	I	CROWSNEST CONSOL HI BQRP 1980
		1729400004A	I	CROWSNEST CONSOL HI BQRP 1981
		1738700004A	I	CROWSNEST CONSOL HI BQRP 1981
		7172100004A	I	CROWSNEST CONSOL HI BQRP 1982
		7306800004A	I	CROWSNEST CONSOL HIGH
00005A	6108	0518300005A	H	CENTRAL ELEM SLEP 1971
		1223200005A	I	CENTRAL PRIMARY BQRP 1977
		1238100005A	H	CENTRAL PRIMARY BQRP 1977
		1587800005A	I	CENTRAL PRIMARY SCH BQRP 1980
		5981700005A	H	COLEMAN CENTRAL SCH NEW
00006A	6107	5981600006A	H	CAMERON ELEM SCH NEW
		9999900006A	H	CAMERON SCHOOL-1952
00007A	6121	0341800007A	H	LIVINGSTONE SCHOOL ADD/REN 68
		0702500007A	H	LIVINGSTON BQRP 1974
		0781200007A	H	LIVINGSTON BQRP 1974
		0781300007A	H	LIVINGSTON BQRP 1974
		1179800007A	H	LIVINGSTON BQRP 1977

JURIS CODE	JURIS NAME	SEQUENCE XXXXXXX XXXXX XXX X USER SCHOOL NAME	USER SCH CODE	OWNER SCH CODE	PLANT ID.	PLAN NO.
				2227	52648C	
				2227	52649C	
				2227	52650C	
				2227	52651C	
				2227	52652C	
1120	WILLOW CREEK SCHOOL DIV #28	A B DALEY COMMUNITY SCH	6317	6317	01619B	05964
3030	CALGARY SCHOOL DISTRICT #19	A E CROSS SCH	9638	9638	01169A	03494
3030	CALGARY SCHOOL DISTRICT #19	A E CROSS SCH	9638	9638	01169A	04382
1080	YELLOWHEAD SCHOOL DIV #12	A H DAKIN SCH	2006	2006	00570A	02576
1080	YELLOWHEAD SCHOOL DIV #12	A H DAKIN SCH	2006	2006	00570A	03043
1120	WILLOW CREEK SCHOOL DIV #28	A J NOWICKI SCH	6311	6311	00036A	02913
1120	WILLOW CREEK SCHOOL DIV #28	A J NOWICKI SCH	6311	6311	00037A	01713
2260	COUNTY OF MINBURN #27	A L HORTON JUNIOR HIGH SCH	3611	3611	00524A	ONK80
2260	COUNTY OF MINBURN #27	A L HORTON JUNIOR HIGH SCH	3611	3611	00524A	02980
2260	COUNTY OF MINBURN #27	A L HORTON JUNIOR HIGH SCH	3611	3611	00524A	05170
2260	COUNTY OF MINBURN #27	A L HORTON JUNIOR HIGH SCH	3611	3611	00524A	05917
3030	CALGARY SCHOOL DISTRICT #19	ABBEYDALE SCH	9376	9376	01726B	05893
3030	CALGARY SCHOOL DISTRICT #19	ABBEYDALE SCH	9376	9376	51649C	05894
3030	CALGARY SCHOOL DISTRICT #19	ABBEYDALE SCH	9376	9376	51650C	05894
3030	CALGARY SCHOOL DISTRICT #19	ABBEYDALE SCH	9376	9376	51651C	05894
3030	CALGARY SCHOOL DISTRICT #19	ABBEYDALE SCH	9376	9376	51652C	05894

```
EDISJ255-02              SCHOOL AND SCHOOL ADMINISTRATOR DATA BREAKDOWN            21 AUG 84        PAGE   43
                                      IN SCHOOL CODE ORDER
                         ----------------------------------------------------

                                                        SCHOOL PROGRAM LIST        SCH CRSE APPR SCH  STATUS  SCH   SCHOOL    SCH ECS  ECS ECS   SEM. 1   SEM. :
SCHOOL                                            JURIS               1 11111 11112 NEXT REG TIME TCH  ACT   DATE  REGN  PHONE     FUND PGM  FAC TCH  END DATE END DA
CODE          SCHOOL NAME                         CODE  12345 67890 12345 67890 SCH TYPE CODE CNT  IND  YYMMDD  NO.  NUMBER    CODE APPR APP APPR  YYMMDD   YYMMD
------  -----------------------------------       ----  ----- ----- ----- ----- ---- -    -    ---  -    ------  -   --------   -    -    -    -   ------   -----

0646    WHITECRT HILLTOP HIGH SCH
                                                  9519  NNNNN NNNNN NNYNN NNNNN                  1   1           2      -             Y    E    Y

          POSITION CODE       2                             3
          TITLE               ECS CHAIRMAN                  ECS COORDINATOR
          NAME                MS G REYNDERS                 MRS PAULETTE DEETS
          ADDRESS             5519 WAGONER CRESC            871 SUNSET BLVD
                              WHITECOURT ALTA               WHITECOURT ALTA

          POSTAL CODE         TOE 2L0                       TOE 2L0

------  -----------------------------------       ----  ----- ----- ----- ----- ---- -    -    ---  -    ------  -   --------   -    -    -    -   ------   -----
0647    WESTLOCK ECS ELEM SCH
                                                  9520  NNNNN NNNNN NNYNN NNNNN                  1   1           2      -             Y    E    Y

          POSITION CODE       2                             3
          TITLE               ECS CHAIRMAN                  ECS COORDINATOR
          NAME                MRS E BAUCHER                 COLLEEN WILLIAMSON
          ADDRESS             BOX 57                        BOX 1467
                              RICHARVILLE ALTA              WESTLOCK ALTA

          POSTAL CODE         TOG 1W0                       TOG 2L0

------  -----------------------------------       ----  ----- ----- ----- ----- ---- -    -    ---  -    ------  -   --------   -    -    -    -   ------   -----
0648    CLYDE GOSPEL MISSION ECS
                                                  9520  NNNNN NNNNN NNYNN NNNNN                  1   1           2  458-8016          Y    Y    Y

          POSITION CODE       3                             2
          TITLE               ECS COORDINATOR               ECS CHAIRMAN
          NAME                COLLEEN WILLIAMSON            MRS C COLEY
          ADDRESS             BOX 1467                      BOX 1467
                              WESTLOCK ALTA                 WESTLOCK ALTA

          POSTAL CODE         TOG 2L0                       TOG 2L0

------  -----------------------------------       ----  ----- ----- ----- ----- ---- -    -    ---  -    ------  -   --------   -    -    -    -   ------   -----
0649    ANDREW SCHOOL ECS
                                                  9702  NNNNN NNNNN NNYNN NNNNN                  1   1           3  365-3501          Y    E    Y

          POSITION CODE       2                             3
          TITLE               ECS CHAIRMAN                  ECS COORDINATOR
          NAME                MRS Y WELESCHUK               MRS S PAZIUK
          ADDRESS             BOX 23                        BOX 371
                              WOSTOK ALTA                   ANDREW ALTA

          POSTAL CODE         TOB 4S0                       TOB 0C0

                         [illegible]
                                      IN SCHOOL CODE ORDER
                         ----------------------------------------------------
```

BEST COPY AVAILABLE

JURISDICTION CODE NAME	OWNER SCHOOL CODE NAME	PROJECT NAME	PLANT ID
2140 COUNTY OF LACOMBE #14	4308	LACOMBE JR BQRP 1974	00287A

MINUTE NUMBER	RECOGNITION DATE	PLAN NUMBER	SCHEME OF CONSTRUCTION	APPROVAL DATE	COMPLETION DATE	WASHROOM FIXTURE CHANGE BOYS	GIRLS	PROJECT STATUS
07350	74/08/12	RENOV	DAY LABOUR	74/11/12	75/12/18	0	0	COMPLETED

CATEGORY	ESTIMATED COST	ESTIMATED SUPPORT	FINAL COST	FINAL SUPPORT
STRUCTURAL	4,130	2,200	1,489	2,163
MECHANICAL				
ELECTRICAL	6,840	5,472	6,547	5,072
CODE REQUIREMENTS				
VOCATIONAL EQUIP. REPLACEMENT				
MODERNIZATION - AESTHETICS				
MODERNIZATION - FUNCTIONAL				
TOTAL	10,970	7,672	8,036	7,235

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

```
JURISDICTION                         OWNER SCHOOL                                                     PLANT
CODE    NAME                         CODE    NAME                         PROJECT NAME                  ID

2140 COUNTY OF LACOMBE #14           4308 LACOMBE JUNIOR HIGH SCH         LACOMBE JR HIGH NEW 1948     00287A

                              TENDER OR                                        NET     NET CHANGE
                        ARCH    SCHEME       COMPLETION        YEAR OF      CHANGE     WASHROOM        NET CHANGE
MINUTE   RECOGNITION    PLAN   APPROVAL         DATE           CAPITAL      NO. OF     FIXTURES            TO
NUMBER      DATE       NUMBER    DATE      (IF AVAILABLE)       PLAN        FLOORS     BOYS   GIRLS    GROSS AREA

99450     48/06/15     01664   49/04/13       49/12/01          00-0          0          0       0        2,985

SCHEME                    TYPE                               CATEGORY                 STATUS

PUBLIC TENDER             PERMANENT OVER 750 M2              NEW                      HISTORY

                        BASIC          PRO-RATED       MAXIMUM         ESTIMATED          FINAL
ESTIMATED               TENDER          TENDER         SUPPORT          SUPPORT          SUPPORT              FINAL
  COST                   COST          COST (M2)      AMOUNT(M2)         AMOUNT           AMOUNT               COST

   260,000              254,024          85.10           21.27           63,506           63,506             254,024
```

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS SERVICES

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST #0007	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
80	1	16021	01398B	H	DAN KNOTT 10X8 CORE SCHOOL
		16021	01652B	H	POLLARD MEADOWS 8X8 CORE SCH
		16021	01653B	H	CENTRAL 8X8 CORE SCHOOL
		16021	01654B	H	KEHEEWIN 6X6 CORE SCHOOL
		16021	01655B	H	MEYOKUMIN 8X8 CORE SCHOOL
		16021	01656B	H	HILLVIEW 6X6 CORE SCHOOL
		16021	53109C	H	KAMEYOSEK CORE PORTABLE
		16021	53110C	H	KAMEYOSEK CORE PORTABLE
		16021	53111C	H	KAMEYOSEK CORE PORTABLE
		16021	53112C	H	KAMEYOSEK CORE PORTABLE
		16021	53113C	H	MEYONOHK CORE PORTABLE
		16021	53114C	H	MEYONOHK CORE PORTABLE
		16021	53115C	H	MEYONOHK CORE PORTABLE
		16021	53116C	H	MEYONOHK CORE PORTABLE
		16021	53117C	H	MEYONOHK CORE PORTABLE
		16021	53118C	H	MEYONOHK CORE PORTABLE
		16021	53119C	H	MEYONOHK CORE PORTABLE
		16021	53120C	H	MEYONOHK CORE PORTABLE
		16021	53121C	H	GREENVIEW CORE PORTABLE
		16021	53122C	H	GREENVIEW CORE PORTABLE
		16021	53123C	H	GREENVIEW CORE PORTABLE

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL
AS AT SEPTEMBER 30, 1983

NTY

ICTION COUNTY OF NEWELL #4
L CODE 0C04

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
ALCOMA SCH	6701	11	21	18	12	18	11		14	17	15						137
BASSANO SCH	6702	25	38	34	35	27	28		32	31	32		21	17	29		349
DUCHESS SCH	6703	29	22	21	31	18	28		29	36	32		27	28	14		315
EAST ROLLING HILLS SCH	6704	9	12	12	17	6	8		12	5	7						88
GEM SCH	6705	5	4	4		4	5		5	6							33
WADDINGTON SCH	6706	5	10	5	3	7	9										39
ROSEMARY SCH	6708	10	14	23	19	20	16	3	22	15	23	1	17	20	20		223
TILLEY SCH	6709	18	17	15	17	19	19		19	16	19		15	13	22		209
BOW CITY HUTTERITE SCH	6711	1	2	2	2	2	3		2	1	2						17
NEWELL COLONY SCH	6712	3	2	5		5			5	2	1						23
SPRINGSIDE COLONY SCH	6713	2	3	2	2	6	2		3	7							27
OPT-IN	6716											15					15
CLEARVIEW COLONY SCH	6790	3	1	2	3		3		1	2	1						16
SPRINGVIEW COLONY SCH	6791	3	5	1	2	3	3		2	3							22
** JURISDICTION TOTALS :		124	151	144	143	135	135	3	146	141	132	16	80	78	85		1513

TION FOR THIS REPORT WAS COMPILED BY: FINANCE, STATISTICS AND LEGISLATION BRANCH

```
EDISF115-01                    SCHOOLS WITH AREA TYPE                                          PAGE 1

                                         BSE
 JUR TYPE 01

----------------------------------------------------------------------------------------------------------
                                        SCHOOL NAME          USER SCHOOL CODE  NUMBER OF ROOMS  ROOMS IN USE  AREA SIZE
----------------------------------------------------------------------------------------------------------

 2010  COUNTY OF GRANDE PRAIRIE #1

                              BEAVERLODGE REGIONAL HIGH              1101              2              2          135
                              HYTHE ELEMENTARY SCH                   1115              1                          61
                              SEXSMITH SECONDARY SCH                 1108              1              1           77

                                                                                       4              3          273

 2020  COUNTY OF VULCAN #2

                              CHAMPION SCH                           5404              1              1           68
                              COUNTY CENTRAL HIGH SCH                5410              3              3          335
                              LOMOND SCH                             5405              1              1           69
                              MILO SCH                               5406              1              1           67

                                                                                       6              6          539

 2030  COUNTY OF PONOKA #3

                              BLUFFTON SCH                           4201              1              1           50
                              PONOKA COMPOSITE HIGH SCH              4205              5              5          444
                              RIMBEY JR-SR HIGH SCH                  4209              3              3          305

                                                                                       9              9          799

 2040  COUNTY OF NEWELL #4

                              BASSANO SCH                            6702              1              1           69
                              ROSEMARY SCH                           6708              1              1           73
                              TILLEY SCH                             6709              1                          70

                                                                                       3              2          212

 2050  COUNTY OF WARNER #5

                              RAYMOND HIGH SCH                       6506              2              2          160
                              WARNER SCH                             6509              1              1           95

                                                                                       3              3          255
```

BEST COPY AVAILABLE

APPENDIX D

EDIS Database Reports

D 1. EDIS Database Report Used By School Buildings Services Branch

D 2. Information Kept Up-to-date on Each School

D 3. Most Used Reports

D 4. Little Used Reports

D 5. Education Information System (EDIS) User Reports

APPENDIX D4

LITTLE USED REPORTS:

1. School Status
2. Utilization
3. School - Jurisdiction Cross Reference
4. Frequency Distribution of Schools By Grade
5. Facilities Plant Disposal Report
6. Summary of School Buildings Costs

JURISDICTION CODE	NAME
2050	COUNTY OF WARNER #5

---SCHOOL--- CODE	NAME	SCHOOL STATUS
6501	COUTTS SCH	ACTIVE

PLANT ID.	PLANT TYPE	PLANT STATUS	EFFECT. DATE	YEAR AREA BUILT	NO.OF ROOMS	ROOMS IN USE	TYPE OF AREA	YEAR OF RENOVATION	FORM OF CONSTRUCTION
00077A	PERMANENT OVER 750 M2	ACTIVE	9-37	37	002	002	ANC	37	MASONRY
				54	001	001	ANC	54	MASONRY
				37	005	005	CR	37	MASONRY
				54	002	002	CR	54	MASONRY
				54	001	001	SCI	54	MASONRY
				37	001	001	GMS	37	MASONRY
				37	001	001	GYM	37	MASONRY
				54	001	001	LIB	54	MASONRY
				54	001	001	SEM	54	MASONRY
				37	001	001	STG	37	MASONRY
				54	001	001	ADM	54	MASONRY
				37	001	001	INF	37	MASONRY

---SCHOOL--- CODE	NAME	SCHOOL STATUS
6513	ELMSPRING COLONY SCH	ACTIVE

PLANT ID.	PLANT TYPE	PLANT STATUS	EFFECT. DATE	YEAR AREA BUILT	NO.OF ROOMS	ROOMS IN USE	TYPE OF AREA	YEAR OF RENOVATION	FORM OF CONSTRUCTION

---SCHOOL--- CODE	NAME	SCHOOL STATUS
6503	ERLE RIVERS HIGH SCH	ACTIVE

PLANT ID.	PLANT TYPE	PLANT STATUS	EFFECT. DATE	YEAR AREA BUILT	NO.OF ROOMS	ROOMS IN USE	TYPE OF AREA	YEAR OF RENOVATION	FORM OF CONSTRUCTION
00079A	PERMANENT OVER 750 M2	ACTIVE	9-17	50	003	002	ANC	50	MASONRY
				69	002	002	ANC	69	MASONRY
				17	002	002	BSE	17	MASONRY
				17	001	001	CR	17	MASONRY
				50	001	001	CR	50	MASONRY
				57	007	007	CR	57	MASONRY
				69	001	001	CR	69	MASONRY
				57	001	001	HEC	57	MASONRY
				57	001	001	IA	57	MASONRY
				57	001	001	SCI	57	MASONRY
				69	002	001	SCI	69	MASONRY
				69	004	004	VEO	69	MASONRY
				50	003	003	GMS	50	MASONRY
				50	001	001	GYM	50	MASONRY
				69	001	001	LIB	69	MASONRY
				50	001	001	STG	50	MASONRY
				17	002	002	ADM	17	MASONRY
				50	001	001	ADM	50	MASONRY
				57	001	001	CHS	57	MASONRY
				69	001	001	INF	69	MASONRY
				50	002	002	SDA	50	MASONRY
				57	004	004	SDA	57	MASONRY
				69	001	001	SHR	69	MASONRY

BEST COPY AVAILABLE

INFORMATION FOR THIS REPORT WAS COMPILED BY SCHOOL BUILDINGS BRANCH

JURISDICTION CODE	NAME	EQUALIZED ASSESSMENTS 1979	1980	1981	1982
2190	COUNTY OF STRATHCONA #20	1.0000	1.0000	0.0000	0.0000

SCHOOL ADM. UNIT CODE	NAME
3313	FORT SASKATCHEWAN ELEM SCH

PLANT ID	PLANT TYPE OR PROJ. MIN. NUMBER	AREA DESCRIPTION YR	ADD/ DEL	TYP	RMS	FRM	FIXED CAPACITY	REDUCTIONS AGE	DISPOSAL	OTHER	USABLE REDUCED CAPACITY	REDUCED FOR SIZE	NET CAPACITY	FREE STANDING PORTABLE CAPACITY	OPERATIONAL CAPACITY	FTE ENRLMNT AS AT SEPT 82	UTILIZATION RATE	FACTOR
00435A	PERMANENT	53		ANC	1	F	25				25							
				CR	7	F	175				175							
		55		CR	8	M	200				200							
	FACILITY TOTAL						400	0	0	0	400	25	375					
	SCHOOL ADM. UNIT TOT						400	0	0	0	400	25	375	0	375	349	0.930	1.094

142

143

11/28/84

EDISJ315-01

E D I S
SCHOOL / JURISDICTION CROSS-REFERENCE
BY JURISDICTION CODE / SCHOOL NAME

PAGE 1

SCHOOL CODE	SCHOOL NAME	JURISDICTION CODE	JURISDICTION NAME
5801	HOMESTEAD COULEE SCHOOL	1010	BERRY CREEK SCHOOL DIV #1
5802	NEW CESSFORD SCH	1010	BERRY CREEK SCHOOL DIV #1
6213	BIG BEND COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6204	CARDSTON ELEM SCH	1020	CARDSTON SCHOOL DIV #2
6203	CARDSTON JR HIGH SCH	1020	CARDSTON SCHOOL DIV #2
6201	CARDSTON SR HIGH SCH	1020	CARDSTON SCHOOL DIV #2
6214	CRYSTAL SPRINGS SCH	1020	CARDSTON SCHOOL DIV #2
6206	DEL BONITA SCH	1020	CARDSTON SCHOOL DIV #2
6215	EAST CARDSTON COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6207	GLENHILL SCH	1020	CARDSTON SCHOOL DIV #2
6216	HUTTERVILLE COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6211	MAGRATH ELEMENTARY SCH	1020	CARDSTON SCHOOL DIV #2
6210	MAGRATH JR-SR HIGH SCH	1020	CARDSTON SCHOOL DIV #2
6212	MOUNTAIN VIEW SCH	1020	CARDSTON SCHOOL DIV #2
6217	NEW ELM COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6218	OLD ELM COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6219	RIVERSIDE COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6220	ROCKPORT COLONY	1020	CARDSTON SCHOOL DIV #2
6221	STANDOFF COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6222	WEST RALEY COLONY SCH	1020	CARDSTON SCHOOL DIV #2
6801	BINDLOSS SCH	1030	MEDICINE HAT SCHOOL DIV #4
6802	BUFFALO SCH	1030	MEDICINE HAT SCHOOL DIV #4
6809	HUTT BRETHERN SCH ELKWATER	1030	MEDICINE HAT SCHOOL DIV #4
6803	IRVINE SCH	1030	MEDICINE HAT SCHOOL DIV #4
6810	JENNER HUTTERIAN CHURCH SCH	1030	MEDICINE HAT SCHOOL DIV #4
6804	JENNER SCH	1030	MEDICINE HAT SCHOOL DIV #4
6806	NEW HILDA SCH	1030	MEDICINE HAT SCHOOL DIV #4
6812	ROSEGLEN HUTTERIAN CHURCH SCH	1030	MEDICINE HAT SCHOOL DIV #4
6807	SCHULER SCH	1030	MEDICINE HAT SCHOOL DIV #4
6808	SEVEN PERSONS SCH	1030	MEDICINE HAT SCHOOL DIV #4
6601	BARNWELL SCH	1040	TABER SCHOOL DIV #6
6493	CAMERON FARMS SCH	1040	TABER SCHOOL DIV #6
6602	CHAMBERLAIN SCHOOL	1040	TABER SCHOOL DIV #6
6608	DR HAMMAN SCH	1040	TABER SCHOOL DIV #6
6615	DR HAMMAN SOUTH SCH ECS	1040	TABER SCHOOL DIV #6
6603	ENCHANT SCH	1040	TABER SCHOOL DIV #6
6604	HAYS SCH	1040	TABER SCHOOL DIV #6
6609	L T WESTLAKE SCH	1040	TABER SCHOOL DIV #6
6613	MIDLAND COLONY SCH	1040	TABER SCHOOL DIV #6
6607	TABER CENTRAL SCH	1040	TABER SCHOOL DIV #6
6614	TABER JUNIOR HIGH SCHOOL	1040	TABER SCHOOL DIV #6
6612	VAUXHALL ELEMENTARY SCH	1040	TABER SCHOOL DIV #6
6611	VAUXHALL JR-SR HIGH SCH	1040	TABER SCHOOL DIV #6
6606	W R MYERS HIGH SCH	1040	TABER SCHOOL DIV #6
5903	CEREAL SCH	1050	ACADIA SCHOOL DIV #8
5904	KITCHENER SCH	1050	ACADIA SCHOOL DIV #8

JURISDICTION TYPE: COUNTY

JURISDICTION NAME	1-3	1-6	1-9	1-12	7-9	7-12	9-12	10-12	ECS	EVNG CRED	SUMM SCHL	ELEM SPEC	JR SPEC	SR SPEC
COUNTY OF ATHABASCA #12	0	1	3	2	0	1	0	0	6	1	0	4	4	2
COUNTY OF BARRHEAD #11	0	4	1	2	1	0	0	1	6	0	0	2	1	1
COUNTY OF BEAVER #9	1	0	2	5	0	0	0	0	6	0	0	3	2	0
COUNTY OF CAMROSE #22	0	2	2	7	0	0	0	0	0	0	0	9	1	0
COUNTY OF FLAGSTAFF #29	0	0	8	2	0	0	0	1	0	0	0	2	1	0
COUNTY OF FORTY MILE #8	1	2	8	3	0	0	0	0	0	0	0	5	2	0
COUNTY OF GRANDE PRAIRIE #1	0	4	7	0	1	1	0	1	0	0	0	7	3	0
COUNTY OF LAC ST ANNE #28	0	6	1	0	0	3	0	0	0	0	0	4	2	0
COUNTY OF LACOMBE #14	0	2	6	2	1	1	0	1	2	0	0	7	1	1
COUNTY OF LAMONT #30	0	1	2	2	0	1	0	0	0	0	0	4	3	0
COUNTY OF LEDUC #25	1	8	6	1	1	4	0	2	13	2	0	10	6	0
COUNTY OF LETHBRIDGE #26	0	7	6	3	0	2	0	1	1	0	0	10	3	1
COUNTY OF MINBURN #27	1	1	4	2	1	0	0	1	3	4	0	6	5	4
COUNTY OF MOUNTAIN VIEW #17	0	3	1	3	0	2	0	0	0	0	0	1	3	0
COUNTY OF NEWELL #4	0	1	8	4	0	0	0	0	2	0	0	5	2	1
COUNTY OF PAINTEARTH #18	0	1	4	1	0	1	0	0	0	0	0	2	0	0
COUNTY OF PARKLAND #31	1	7	11	1	3	0	1	2	16	4	0	5	3	1
COUNTY OF PONOKA #3	0	4	4	0	1	1	1	1	0	0	0	4	3	3
COUNTY OF RED DEER #23	0	4	3	5	0	1	0	0	0	0	0	9	5	0
COUNTY OF SMOKY LAKE #13	0	1	3	2	0	0	0	0	0	0	0	3	2	0
COUNTY OF ST PAUL #19	0	2	1	2	0	2	0	0	5	0	0	4	2	0
COUNTY OF STETTLER #6	0	1	9	0	0	1	0	0	0	0	0	8	0	0
COUNTY OF STRATHCONA #20	1	15	4	2	4	1	1	3	15	4	1	15	8	2
COUNTY OF THORHILD #7	0	1	2	0	0	1	0	0	3	0	0	1	2	1

INFORMATION FOR THIS REPORT HAS COMPILED BY: STUDENT RECORDS AND COMPUTER SERVICES BRANCH AND EARLY CHILDHOOD SERVICES BRANCH

FACILITIES PLANT DISPOSAL REPORT

PERIOD 1900 TO 1981

JURIS CODE	JURISDICTION NAME	PLANT-ID	DISPOSAL DATE	FIXED CAPACITY
1230	FAIRVIEW SCHOOL DIV #50	50203C	09-62	0
1240	LAC LA BICHE SCHOOL DIV #51	00704A	11-67	0
2150	COUNTY OF WHEATLAND #16	50133C	12-66	0
3020	EDMONTON SCHOOL DIST #0007	50043C	11-55	25
3020	EDMONTON SCHOOL DIST #0007	50061C	10-56	25
3240	GRANDE PRAIRIE S DIST #2357	00756A	01-50	375
3240	GRANDE PRAIRIE S DIST #2357	00757A	01-29	175
4020	EDMONTON RCSS DIST #0007	50001C	09-78	25
4020	EDMONTON RCSS DIST #0007	50002C	09-78	25
4020	EDMONTON RCSS DIST #0007	50003C	09-78	25
4020	EDMONTON RCSS DIST #0007	50004C	09-78	0

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

EDISP075-01 16 JAN 84

SUMMARY OF SCHOOL BUILDING COSTS FROM 79/01/01 TO 84/01/15

BASED ON SCHEME / TENDER APPROVAL DATE

SCHEME: PUBLIC TENDER

TYPE OF CONSTRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
PERM 750 M2 OR LESS	0	0	0	2,719	1,780,632	2,834,128	0	109,973	317,790	0	0	0	2,719	1,890,605	3,151,918
PERM OVER 750 M2	105,761	60,401,612	97,533,721	96,648	61,450,111	88,611,485	0	2,845,758	5,773,700	40	24,729	47,028	202,449	124,722,210	191,965,934
CORE SCHOOL	417,124	240,772,532	313,321,043	5,675	3,702,656	4,619,820	0	108,497	499,372	0	0	0	422,799	244,583,685	318,440,235
RELOCATABLE CORE	91,863	36,518,916	45,632,606	71	31,487	66,914	0	0	0	0	0	0	91,934	36,550,403	45,699,520
CORE PORTABLE	2,956	971,000	1,431,215	0	0	0	0	0	0	0	0	0	2,956	971,000	1,431,215
FREE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	617,704	338,664,060	457,918,585	105,113	66,964,886	96,132,347	0	3,064,228	6,590,862	40	24,729	47,028	722,857	408,717,903	560,600,822

SCHEME: CONSTR MANAGEMENT

TYPE OF CONSTRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
PERM 750 M2 OR LESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERM OVER 750 M2	0	0	0	917	623,812	945,122	0	45,845	88,535	733	355,711	369,191	1,650	1,025,368	1,402,848
CORE SCHOOL	6,597	3,342,030	4,513,609	0	0	0	0	0	0	0	0	0	6,597	3,342,030	4,513,609
RELOCATABLE CORE	1,223	597,755	883,581	0	0	0	0	0	0	0	0	0	1,223	597,755	883,581
CORE PORTABLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FREE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7,820	3,939,785	5,397,190	917	623,812	945,122	0	45,845	88,535	733	355,711	369,191	9,470	4,965,153	6,800,038

SCHEME: BID DESIGN

TYPE OF CONSTRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
PERM 750 M2 OR LESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERM OVER 750 M2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORE SCHOOL	2,397	920,200	1,350,855	0	0	0	0	0	0	0	0	0	2,397	920,200	1,350,855
RELOCATABLE CORE	400	179,160	188,750	0	0	0	0	0	0	0	0	0	400	179,160	188,750
CORE PORTABLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FREE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2,797	1,099,360	1,539,605	0	0	0	0	0	0	0	0	0	2,797	1,099,360	1,539,605

SCHEME: DAY LABOUR

TYPE OF CONSTRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
PERM 750 M2 OR LESS	0	0	0	677	268,169	405,371	0	0	0	0	0	0	677	268,169	405,371
PERM OVER 750 M2	971	602,083	721,391	9,444	5,411,457	8,107,759	0	1,198,871	2,667,846	2,006	16,720	20,909	12,421	7,229,131	11,517,905
CORE SCHOOL	3,009	1,452,899	2,058,983	1,292	718,089	883,759	0	19,338	70,000	0	0	0	4,301	2,190,326	3,012,742
RELOCATABLE CORE	13,158	4,613,500	6,136,741	138	24,646	37,593	0	0	0	0	0	0	13,296	4,638,146	6,174,334
CORE PORTABLE	1,386	496,096	591,416	0	0	0	0	0	0	0	0	0	1,386	496,096	591,416
FREE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	18,524	7,164,578	9,508,531	11,551	6,422,361	9,434,482	0	1,218,209	2,737,846	2,006	16,720	20,909	32,081	14,821,868	21,701,768

SCHEME: GRAND TOTALS

TYPE OF CONSTRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
PERM 750 M2 OR LESS	0	0	0	3,396	2,048,801	3,239,499	0	109,973	317,790	0	0	0	3,396	2,158,774	3,557,289
PERM OVER 750 M2	106,732	61,003,695	98,255,112	107,009	67,485,380	97,664,366	0	4,090,474	8,530,081	2,779	397,160	437,128	216,520	132,976,709	204,886,687
CORE SCHOOL	429,127	246,487,661	321,244,490	6,967	4,420,745	5,503,579	0	127,835	569,372	0	0	0	436,094	251,036,241	327,317,441
RELOCATABLE CORE	106,644	41,909,331	52,841,678	209	56,133	104,507	0	0	0	0	0	0	106,853	41,965,464	52,946,185
CORE PORTABLE	4,342	1,467,096	2,022,631	0	0	0	0	0	0	0	0	0	4,342	1,467,096	2,022,631
FREE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	646,845	350,867,783	474,363,911	117,581	74,011,059	106,511,951	0	4,328,282	9,417,243	2,779	397,160	437,128	767,205	429,604,284	590,730,233

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

NOTE: TOTAL MAY BE A SUMMATION OF

BEST COPY AVAILABLE

BEST COPY AVAILABLE

APPENDIX D

EDIS Database Reports

D 1. EDIS Database Report Used By School Buildings Services Branch

D 2. Information Kept Up-to-date on Each School

D 3. Most Used Reports

D 4. Little Used Reports

D 5. Education Information System (EDIS) User Reports

[illegible]
[illegible]

EDUCATION INFORMATION SYSTEM

(E.D.I.S.) - USER REPORTS

SCHOOL BUILDINGS BRANCH

January, 1982

The following is a listing of E.D.I.S. Reports available to the staff of the School Buildings Branch. Anyone wishing to obtain any of these reports should contact either the Data System Administrator, (Mr. G. Handke), the Research Clerk, Information Services, (Ms. E. Chernenkoff) or the Data Clerk, (Mrs. D. Thomas).

If the listed reports do not contain the required information, the Data System Administrator should be notified so that he may consult with Computing Services to arrange for the needed information to be reported.

Contents
E.D.I.S. - USER REPORTS

FACILITY REPORTS

Page

Plant Status Report (EDIS F025-01) 1
School Status Report (EDIS F035-01) 2
Plants and Their Associated Projects (EDIS F105-01) 3
Facilities Cross Reference Report (EDIS F055-01) 4
School Buildings Utilization Report (EDIS P115-01) 5
Facilities Plant Disposal Report (EDIS F065-01) 6
School and School Administrator Data Breakdown (EDIS J255-02) 7

PROJECT REPORTS

B.Q.R.P. Report (EDIS P095-01 and EDIS P095-02) 8
Construction Projects Report (EDIS P055-01) 9
Capital Plan Report (EDIS P145-01) 10
Capital Plan Rollup Report (Proposed) 11
Summary of School Building Costs Report (EDIS P075-01) 12

Enrolments (EDIS ERS-01 and EDIS E065-01) 13

PLANT STATUS REPORT (EDIS F025-01)

This report shows the current status of a plant. Listed is the plant description, the structural information for every area type, and the historical structural data on each area type that, on completed projects, has been deleted.

The plant description consists of the name of the plant, the school code, the plant I.D., the plant status (active, semi-active, inactive) and the plant type (permanent, core, portable).

The structural information includes the number of rooms in the plant, the form of construction (frame, masonry, portable), the areas in square meters of both instructional and non-instructional areas, the type of area and the year built, plus the architectural plan number.

Each page of the report will list one plant. The plants themselves will be listed in numerical order according to their plant I.D.'s.

A plant status report is generated every time an update run is made or whenever requested by the user.

2039 OUR LADY OF PERPETUAL HELP

PLANT ID.	PLANT STATUS	EFFECTIVE DATE	PLANT TYPE	NO. OF FLOORS	BOYS WASHROOM FIXTURES	GIRLS WASHROOM FIXTURES	PLANT GRADE LEVEL
00588A	ACTIVE	09-63	PERMANENT OVER 750 M2	1	6	4	ELEMENTARY

NO. OF ROOMS	ROOMS IN USE	TYPE OF AREA	ARCH.PLAN NO.	YEAR BUILT	FORM OF CONST.	YEAR OF RENOVATION OR CONST.	YEAR DELETED	INST. AREA SIZE M2	NON-INST. AREA SIZE M2	OTHER AREA SIZE M2	TOTAL AREA M2	RATIO OF INSTRUCTIONAL TO NON-INSTRUCTIONAL	ASSOC. SCHOOL CODE
CURRENT CONFIGURATION													
1	1	ANC	04207	64	MASONRY	64		81					2039
8	8	CR	04047	63	MASONRY	63		577					2039
3	3	CR	04207	64	MASONRY	64		207					2039
4	4	CR	05774	80	MASONRY	80		242					2039
2	2	LS	05774	80	MASONRY	80		182					2039
1	1	SCI	04047	63	MASONRY	63		115					2039
1	1	GMS	04047	63	MASONRY	63		10					2039
2	2	GMS	05774	80	MASONRY	80		69					2039
1	1	GYM	04047	63	MASONRY	63		262					2039
1	1	GYM	05774	80	MASONRY	80		491					2039
1	1	LIB	04047	63	MASONRY	63		92					2039
1	1	LIB	05774	80	MASONRY	80		167					2039
1	1	STG	04047	63	MASONRY	63		56					2039
3	3	ADM	04047	63	MASONRY	63			47				2039
3	3	ADM	05774	80	MASONRY	80			53				2039
1	1	INF	04047	63	MASONRY	63			17				2039
2	2	SDA	05774	80	MASONRY	80			74				2039
							TOTALS	2,551	191	700	3,442	74 : 26	

INFORMATION FOR THIS REPORT WAS COMPILED BY : SCHOOL BUILDINGS ADMINISTRATION

SCHOOL STATUS REPORT (EDIS F035-01)

This report shows the configuration of all plants associated with a School Administrative Unit within each jurisdiction. The jurisdictions are listed in numerical order and the schools contained within are listed in alphabetical order.

The information listed for each school includes the plant description, the school status, the date the plant status became effective, plus some structural data. The plant data contained in this report will not be as detailed as the plant data in the Plant Status Report.

Each page of the School Status Report will list more than one school; usually three to six schools will be listed per page.

This report is generated annually about December of each year. However, a report may be generated at anytime if so requested.

When ordering this report please specify the type of run desired:

Province
Specific Jurisdiction
Specific School

```
                                                        COUNTY
JURISDICTION
CODE    NAME

2050    COUNTY OF WARNER #5
           ---SCHOOL---                                 SCHOOL
           CODE     NAME                                STATUS

           6501     COUTTS SCH                          ACTIVE
                                                                    EFFECT.   YEAR     NO.OF    ROOMS     TYPE OF    YEAR OF       FORM OF
                 PLANT     PLANT                        PLANT       DATE      AREA     ROOMS    IN USE    AREA       RENOVATION    CONSTRUCTION
                 ID.       TYPE                         STATUS                BUILT

                 00077A    PERMANENT OVER 750 M2        ACTIVE      9-37      37       002      002       ANC        37            MASONRY
                                                                              54       001      001       ANC        54            MASONRY
                                                                              37       005      005       CR         37            MASONRY
                                                                              54       002      002       CR         54            MASONRY
                                                                              54       001      001       SCI        54            MASONRY
                                                                              37       001      001       GMS        37            MASONRY
                                                                              37       001      001       GYM        37            MASONRY
                                                                              54       001      001       LIB        54            MASONRY
                                                                              54       001      001       SEM        54            MASONRY
                                                                              37       001      001       STG        37            MASONRY
                                                                              54       001      001       ADM        54            MASONRY
                                                                              37       001      001       INF        37            MASONRY

           ---SCHOOL---                                 SCHOOL
           CODE     NAME                                STATUS

           6513     ELMSPRING COLONY SCH                ACTIVE
                                                                    EFFECT.   YEAR     NO.OF    ROOMS     TYPE OF    YEAR OF       FORM OF
                 PLANT     PLANT                        PLANT       DATE      AREA     ROOMS    IN USE    AREA       RENOVATION    CONSTRUCTION
                 ID.       TYPE                         STATUS                BUILT
           ---SCHOOL---                                 SCHOOL
           CODE     NAME                                STATUS

           6503     ERLE RIVERS HIGH SCH                ACTIVE
                                                                    EFFECT.   YEAR     NO.OF    ROOMS     TYPE OF    YEAR OF       FORM OF
                 PLANT     PLANT                        PLANT       DATE      AREA     ROOMS    IN USE    AREA       RENOVATION    CONSTRUCTION
                 ID.       TYPE                         STATUS                BUILT

                 00079A    PERMANENT OVER 750 M2        ACTIVE      9-17      50       002      002       ANC        50            MASONRY
                                                                              69       002      002       ANC        69            MASONRY
                                                                              17       002      002       BSE        17            MASONRY
                                                                              17       001      001       CR         17            MASONRY
                                                                              50       001      001       CR         50            MASONRY
                                                                              57       007      007       CR         57            MASONRY
                                                                              69       001      001       CR         69            MASONRY
                                                                              57       001      001       HEC        57            MASONRY
                                                                              57       001      001       IA         57            MASONRY
                                                                              57       001      001       SCI        57            MASONRY
                                                                              69       002      001       SCI        69            MASONRY
                                                                              69       004      004       VED        69            MASONRY
                                                                              50       003      003       GMS        50            MASONRY
                                                                              50       001      001       GYM        50            MASONRY
                                                                              69       001      001       LIB        69            MASONRY
                                                                              50       001      001       STG        50            MASONRY
                                                                              17       002      002       ADM        17            MASONRY
                                                                              50       001      001       ADM        50            MASONRY
                                                                              57       001      001       CNS        57            MASONRY
                                                                              69       001      001       INF        69            MASONRY
                                                                              50       002      002       SDA        50            MASONRY
                                                                              57       004      004       SDA        57            MASONRY
                                                                              69       001      001       SWR        69            MASONRY
```

BEST COPY AVAILABLE

PLANTS AND THEIR ASSOCIATED PROJECTS (EDIS FXXX-01)

This report gives a listing of all plants, in plant I.D. order, and all their associated projects, from the initial project to the current project. A project status indicator shows whether the project is history (H) or whether it is in progress (I). The project name in this report refers to the name of the plant plus the type of project involved; construction or B.Q.R.P./Modernization.

This report will be generated upon request.

05/07/81
EDISFXXX-01

PLANTS AND THEIR ASSOCIATED PROJECTS

PLANT ID	OWNER SCHOOL	PROJECT ID	PROJECT STATUS	PROJECT NAME
00001A	6101	9997900001A	H	MD MCEACHERN SCHOOL-1962-NEW
00002A	6102	0166900002A	H	ISABELLE SELLON-1963
	6102	1109700002A	I	ISABELLE SALLON SCH BQRP 1976
	6102	1230200002A	H	ISABELLE SELLON BQRP 1977
	6102	1434100002A	I	ISABELLE SELLON SCH BQRP 1979
	6102	1471900002A	I	ISABELLE SELLON JR/SR BQRP '79
	6102	9999900002A	H	ISABELLE SELLON-1960-NEW
00003A	6105	0033800003A	H	HORACE ALLEN - 1963
	6105	1161300003A	H	HORACE ALLEN-RENOV-1976
	6105	1291600003A	I	HORACE ALLEN SCH BQRP 1978
	6105	1425700003A	I	HORACE ALLEN SCH BQRP 1979
	6105	1471800003A	I	HORACE ALLEN JR BQRP 1979
	6105	1587900003A	I	HORACE ALLEN SCHOOL COLEMAN
00004A	6106	0466700004A	H	CROWSNEST PASS CONS HS 1969
	6106	1052500004A	H	CROWSNEST CONS HIGH BQRP 1976
	6106	1271000004A	H	CROWSNEST CONS HIGH -RENOV 78
	6106	1291500004A	I	CROWSNEST CONS HIGH BQRP 1976
	6106	1471700004A	I	CROWSNEST CONS HIGH BQRP 1979
	6106	1662100004A	I	CROWSNEST CONSOLIDATED HIGH
00005A	6108	0510300005A	H	CENTRAL ELEM SLEP 1971
	6108	1223200005A	I	CENTRAL PRIMARY BQRP 1977
	6108	1238100005A	H	CENTRAL PRIMARY BQRP 1977
	6100	1587800005A	I	CENTRAL PRIMARY SCH COLEMAN
00006A	6107	9999700006A	H	CAMERON SCHOOL-1952
00008A	6122	0032000008A	H	MATTHEW HALTON SCH-1963
	6122	0253700008A	H	MATTHEW HALTON SCH-1966
	6122	0699400008A	H	MATHEW HALTON COMM BQRP 1974
	6122	0779400008A	H	MATHEW HALTON COMM BQRP 1974
	6122	1067300008A	I	MATHEW HALTON COMM BQRP 1976
	6122	1105400008A	H	MATHEW HALTON COMM BQRP 1977
	6122	1277300008A	I	MATHEW HALTON COMM BQRP 1978
	6122	1307300008A	I	MATHEW HALTON COMM BQRP 1978
	6122	1365900008A	H	MATTHEW HALTON SCH-1978
	6122	1375100008A	H	MATTHEW HALTON BQRP 1979
	6122	1441300008A	H	MATTHEW HALTON BQRP 1979
	6122	1449200008A	H	MATTHEW HALTON COMP HIGH 1979
	6122	1486300008A	I	MATTHEW HALTON BQRP 1979

BEST COPY AVAILABLE

FACILITIES CROSS REFERENCE LIST REPORT (EDIS F055-01)

This report is a cross reference listing of all plants on inventory in the E.D.I. System. Plant I.D.'s can be cross referenced to owner or user school administrative codes, to architectural plan numbers or to school names.

Similarly the Cross Reference Report can be generated in any of the above sort orders.

This report is generated upon request.

JURIS CODE	JURIS NAME	USER SCHOOL NAME	USER SCH CODE	OWNER SCH CODE	SEQUENCE XXXXXXX XXXXX XXX X PLANT ID.	PLAN NO.
1020	CARDSTON SCHOOL DIV #2	MAGRATH JR-SR HIGH SCH	6210	6210	00021A	04006
1020	CARDSTON SCHOOL DIV #2	MAGRATH JR-SR HIGH SCH	6210	6210	00021A	05318
1020	CARDSTON SCHOOL DIV #2	MAGRATH JR-SR HIGH SCH	6210	6210	00021A	05622
1020	CARDSTON SCHOOL DIV #2	MOUNTAIN VIEW SCH	6212	6212	00022A	01709
1020	CARDSTON SCHOOL DIV #2	MOUNTAIN VIEW SCH	6212	6212	00022A	02351
1120	WILLOW CREEK SCHOOL DIV #28	WILLOW CREEK COMPOSITE HIGH	6302	6302	00026A	04045
1120	WILLOW CREEK SCHOOL DIV #28	H T COUTTS SCH	6303	6303	00027A	01714
1120	WILLOW CREEK SCHOOL DIV #28	H T COUTTS SCH	6303	6303	00027A	02203
1120	WILLOW CREEK SCHOOL DIV #28	H T COUTTS SCH	6303	6303	00027A	02346
1120	WILLOW CREEK SCHOOL DIV #28	H T COUTTS SCH	6303	6303	00027A	03142
1120	WILLOW CREEK SCHOOL DIV #28	H T COUTTS SCH	6303	6303	00027A	03805
1120	WILLOW CREEK SCHOOL DIV #28	CLARESHOLM ELEMENTARY SCH	6304	6304	00028A	02503
1120	WILLOW CREEK SCHOOL DIV #28	GRANUM SCH	6305	6305	00029A	02912
1120	WILLOW CREEK SCHOOL DIV #28	GRANUM SCH	6305	6305	00030A	01712
1120	WILLOW CREEK SCHOOL DIV #28	GRANUM SCH	6305	6305	00030A	02347
1120	WILLOW CREEK SCHOOL DIV #28	F P WALSHE SCH	6306	6306	00031A	04849
1120	WILLOW CREEK SCHOOL DIV #28	G R DAVIS ELEMENTARY SCH	6307	6307	00032A	01906
1120	WILLOW CREEK SCHOOL DIV #28	G R DAVIS ELEMENTARY SCH	6307	6307	00032A	02345
1120	WILLOW CREEK SCHOOL DIV #28	G R DAVIS ELEMENTARY SCH	6307	6307	00032A	03835
1120	WILLOW CREEK SCHOOL DIV #28	W A DAY ELEMENTARY SCH	6308	6308	00033A	03111
1120	WILLOW CREEK SCHOOL DIV #28	J T FOSTER SCH	6310	6309	00034A	02034

SCHOOL BUILDINGS UTILIZATION REPORT (EDIS P115-01)

This report is designed to be an aid in the calculation of government support for projects. A report may be generated for a group of School Administrative Units (all common to a jurisdiction) or for an entire jurisdiction.

Two factors are provided to aid in the formula calculation of government support. Equalized assessment factors (E) apply to an entire jurisdiction and, if available, are given for the previous four years. This is done because of final support being calculated three years after tender. The equalized assessment factors will appear on each page of the report. The assessment factors are arrived at by dividing the provincial average equalized adjusted assessment per pupil into the jurisdiction's average equalized adjusted assessment per resident pupil. The maximum value of the E factor is 1.0000 and the minimum value is 0.2000.

The second factor provided is the utilization factor, U/.85. This is determined for each S.A.U. requested whether the request is in the form of a group of S.A.U.'s or in the form of an entire jurisdiction. All of the data used to arrive at the utilization factor (capacity and enrolment data) is also reported.

This report will be generated upon request.

```
                                                                                        PAGE  1
                                       SCHOOL BUILDINGS UTILIZATION REPORT
     EDISP105-01        14 JAN  82               ----------EQUALIZED ASSESSMENTS--------
                                                  1978       1979       1980
JURISDICTION
CODE    NAME                                      1.0000     1.0000     1.0000
4150    WAINWRIGHT RCSSD #31

SCHOOL ADM. UNIT
CODE    NAME
3970    BLESSED SACRAMENT SCH
                                                                                                      FTE
                                                                                       FREE          ENRLMNT
                                                                  USABLE  REDUCED      STANDING      AS AT     UTILIZATION
                                            ------REDUCTIONS-------   REDUCED  FOR    NET      PORTABLE  OPERATIONAL  SEPT 81   RATE FACTOR
        PLANT TYPE    -AREA DESCRIPTION--  FIXED                       CAPACITY SIZE CAPACITY CAPACITY  CAPACITY
PLANT   OR PROJ. MIN.   ADD/               CAPACITY  AGE  DISPOSAL  OTHER
ID      NUMBER       YR DEL TYP  RMS FRM                                   225
                                                                            25
C0480A  PERMANENT    57     CR    9   M     225                     25       0
                            SCI   1   M      25                              25
                     61     CR    1   M      25                     25       25
                     76     ANC   1   M      25                     50      300    25     275
                            CR    2   M      50
                                            350     0       0       50      300    25     275        0        275        264      0.960  1.
        FACILITY TOTAL
                                            350     0       0       50
        SCHOOL ADM. UNIT TOT
```

BEST COPY AVAILABLE

JURISDICTION CODE	JURISDICTION NAME	EQUALIZED ASSESSMENTS 1978	1979	1980
4150	WAINWRIGHT RCSSD #31	1.0000	1.0000	1.0000

PLANT ID	PLANT TYPE OR PROJ. MIN. NUMBER	AREA DESCRIPTION YR	ADD/ DEL	TYP	RMS	FRM	FIXED CAPACITY	REDUCTIONS AGE	DISPOSAL	OTHER	USABLE REDUCED CAPACITY	REDUCED FOR SIZE	NET CAPACITY	FREE STANDING PORTABLE CAPACITY	OPERATIONAL CAPACITY	FTE ENRLMNT AS AT SEPT 81	UTILIZATION RATE	FACTOR
	JURISDICTION						350	0	0	50	300	25	275	0	275	264	0.960	1.129

INFORMATION FOR THIS REPORT COMPILED BY : SCHOOL BUILDING ADMINISTRATION BRANCH AND FINANCE, STATISTICS AND LEGISLATION BRANCH

BEST COPY AVAILABLE

FACILITIES PLANT DISPOSAL REPORT (EDIS F065-01)

This report lists all plants, by plant I.D., within a jurisdiction that have been ministerially disposed of. The fixed capacity of the plant is also reported.

This report will be generated upon request.

When requesting this report please indicate the time period to be covered.

EDISF065-01 06 NOV 81

FACILITIES PLANT DISPOSAL REPORT

PERIOD 1900 TO 1981

JURIS CODE	JURISDICTION NAME	PLANT-ID	DISPOSAL DATE	FIXED CAPACITY
1230	FAIRVIEW SCHOOL DIV #50	50203C	09-62	0
1240	LAC LA BICHE SCHOOL DIV #51	00704A	11-67	0
2150	COUNTY OF WHEATLAND #16	50133C	12-66	0
3020	EDMONTON SCHOOL DIST #0007	50043C	11-55	25
3020	EDMONTON SCHOOL DIST #0007	50061C	10-56	25
3240	GRANDE PRAIRIE S DIST #2357	00756A	01-50	375
3240	GRANDE PRAIRIE S DIST #2357	00757A	01-29	175
4020	EDMONTON RCSS DIST #0007	50001C	09-78	25
4020	EDMONTON RCSS DIST #0007	50002C	09-78	25
4020	EDMONTON RCSS DIST #0007	50003C	09-78	25
4020	EDMONTON RCSS DIST #0007	50004C	09-78	0

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

```
                                                     SCHOOL PROGRAM LIST         SCH  CRSE APPR SCH  STATUS  SCH  SCHOOL    SCH ECS  ECS ECS
SCHOOL                                        JURIS          1 11111 11112  NEXT REG  TIME TCH  ACT  DATE    REGN  PHONE    FUND PCM  FAC TCH
CODE             SCHOOL NAME                  CODE 12345 67890 12345 67890  SCH  TYPE CODE CNT  IND  YYMMDD  NO.  NUMBER   CODE APPR APP APPR
------  ------------------------------------  ---- ----- ----- ----- -----  ----  -    -   ---  -   ------   -   --------    -    -    -   -

9638    A E CROSS SCH
                                              3030 NNNNN NYYYN NNNNN NYNNN        2         35  1             5   249-5501

            POSITION CODE      1
            TITLE              PRINCIPAL
            NAME               K A HODGERT
            ADDRESS            3445-37 ST SW
                               CALGARY ALTA.

            POSTAL CODE        T3E 3C2

------  ------------------------------------  ---- ----- ----- ----- -----  ----  -    -   ---  -   ------   -   --------    -    -    -   -
2006    A H DAKIN SCH
                                              1000 YYYNN NNNNN NNYNN YNNNN                  10  1             3   723-3903         N    E   Y

            POSITION CODE      1                                  3                                   2
            TITLE              PRINCIPAL                          ECS COORDINATOR                     ECS CHAIRMAN
            NAME               G MAHON                            G MAHON                             MRS JOAN PLANTE
            ADDRESS            BOX 1746                           BOX 1746                            BOX 1595
                               EDSON ALTA.                        EDSON ALTA.                         EDSON ALTA

            POSTAL CODE        T0E 0P0                            T0E 0P0                             T0E 0P0

------  ------------------------------------  ---- ----- ----- ----- -----  ----  -    -   ---  -   ------   -   --------    -    -    -   -
6311    A J NOWICKI SCH
                                              1120 YYYYY YYYYN NNYNN YYYNN  6302  1          9  1             6   549-3757         Y    E   Y

            POSITION CODE      1                                  3                                   2
            TITLE              PRINCIPAL                          ECS COORDINATOR                     ECS CHAIRMAN
            NAME               L KOSHNEY                          MRS K A NELMS                       MARGO COCHLAN
            ADDRESS            BOX 174                            PO BOX 565                          PO BOX 187
                               STAVELY ALTA.                      NANTON ALTA                         STAVELY ALTA

            POSTAL CODE        T0L 1Z0                            T0L 1R0                             T0L 1Z0

------  ------------------------------------  ---- ----- ----- ----- -----  ----  -    -   ---  -   ------   -   --------    -    -    -   -
3611    A L HORTON JUNIOR HIGH SCH
                                              2260 NNNNN NYYYN NNNNN YYYNN  3610  1         19  1             3   632-3113

            POSITION CODE      1
            TITLE              PRINCIPAL
            NAME               W CHERNISHENKO
            ADDRESS            BOX 489
                               VEGREVILLE ALTA.

            POSTAL CODE        T0B 4L0
```

SCHOOL AND SCHOOL ADMINISTRATOR DATA BREAKDOWN (EDIS J255-02)

This report gives an alphabetical listing of all schools along with the name and address of the principal, the E.C.S. co-ordinator and the E.C.S. chairman of each school.

This report will be generated upon request of the user.

BUILDING QUALITY RESTORATION PROGRAM REPORT (EDIS P095-01) & (EDIS P095-02)

This report is a detailed listing of B.Q.R.P. Projects which meet the select criteria stated when the report was requested. The detailed portion of the report lists all of the data on file for those projects requested. B.Q.R.P. Project summaries by category, for each jurisdiction and jurisdiction type, may also be produced.

Each project reported will start on a new page. As a Status Report, all available data will be listed, starting with the basic identification information consisting of the jurisdiction code and name, school code and name, project name plant identification, and minute number.

In addition to the project identification data, the project status will also appear on the report.

All financial, structural, and other related information is reported as it becomes available. Therefore, any blanks on the report indicate missing project information.

B.Q.R.P. Projects reported are summarized by category for each jurisdiction affected. If more than one jurisdiction has been reported, then a similar summary is also generated for each jurisdiction type. A 'grand summary' representing the provincial total will also be produced.

Please indicate the time period to be covered when ordering this report.

# BUILDING QUALITY RESTORATION PROGRAM
FROM 79/01/01 TO 79/12/31

JURISDICTION CODE NAME	OWNER SCHOOL CODE NAME	PROJECT NAME	PLANT ID
1050 ACADIA SCHOOL DIV #8	5910 SOUTH CENTRAL HIGH SCH	SOUTH CENTRAL HIGH (OYEN) 1979	00253A

MINUTE NUMBER	RECOGNITION DATE	PLAN NUMBER	SCHEME OF CONSTRUCTION	APPROVAL DATE	COMPLETION DATE	WASHROOM FIXTURE CHANGE BOYS	GIRLS	PROJECT STATUS
14483	79/10/16	RENOV	DAY LABOUR	00/00/00	00/00/00	0	0	IN PROGRESS

CATEGORY	ESTIMATED COST	ESTIMATED SUPPORT	FINAL COST	FINAL SUPPORT	COST DIFFERENCE
STRUCTURAL					
MECHANICAL					
ELECTRICAL					
CODE REQUIREMENTS					
VOCATIONAL EQUIP. REPLACEMENT	11,090	4,241			11,090-
MODERNIZATION - AESTHETICS					
MODERNIZATION - FUNCTIONAL					
VANDALISM DETERRENTS					
SITE IMPROVEMENTS					
OTHER APPROVED PROGRAMS					
TOTAL	11,090	4,241			11,090-

BEST COPY AVAILABLE

BUILDING QUALITY RESTORATION PROGRAM
FROM 79/01/01 TO 79/12/31

TYPE OF JURISDICTION

COUNTY

CATEGORY	ESTIMATED COST	ESTIMATED SUPPORT	FINAL COST	FINAL SUPPORT	COST DIFFERENCE
STRUCTURAL	765,115	608,098	488,404	251,393	276,711-
MECHANICAL	131,326	102,872	73,214	47,634	58,112-
ELECTRICAL	78,329	66,353	61,360	44,510	16,969-
CODE REQUIREMENTS	150,594	127,792	99,664	58,962	50,930-
VOCATIONAL EQUIP. REPLACEMENT	1,319,335	568,005	19,194	8,829	1,300,141-
MODERNIZATION - AESTHETICS	28,108	22,373	20,317	8,146	7,791-
MODERNIZATION - FUNCTIONAL	195,032	158,123	8,498		186,534-
VANDALISM DETERRENTS					
SITE IMPROVEMENTS					
OTHER APPROVED PROGRAMS					
TOTAL	2,667,839	1,653,616	770,651	419,474	1,897,188-

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

BEST COPY AVAILABLE

EDISP095-02 24 NOV 81

BUILDING QUALITY RESTORATION PROGRAM
FROM 79/01/01 TO 79/12/31

TYPE OF JURISDICTION
PROVINCIAL SUMMARY

CATEGORY	ESTIMATED COST	ESTIMATED SUPPORT	FINAL COST	FINAL SUPPORT	COST DIFFERENCE
STRUCTURAL	1,915,791	1,542,470	906,745	495,122	1,009,046-
MECHANICAL	356,265	246,660	232,960	105,911	123,305-
ELECTRICAL	212,311	176,601	133,753	94,370	78,558-
CODE REQUIREMENTS	695,918	564,853	253,045	139,164	442,873-
VOCATIONAL EQUIP. REPLACEMENT	3,766,335	1,659,907	282,022	137,226	3,484,313-
MODERNIZATION - AESTHETICS	105,804	90,618	20,317	8,146	85,487-
MODERNIZATION - FUNCTIONAL	241,376	170,619	14,538	4,070	226,838-
VANDALISM DETERRENTS					
SITE IMPROVEMENTS					
OTHER APPROVED PROGRAMS					
TOTAL	7,293,800	4,451,728	1,843,380	984,009	5,450,420-

BEST COPY AVAILABLE

CONSTRUCTION PROJECTS REPORT (EDIS P055-01)

This report lists the current status of construction projects.

Each project will contain the basic identification information consisting of the jurisdiction code and name, the school code and name, the project name, the plant identification number, and the the minute number. A new page will be started for each project.

In addition to the project identification data there is other required information that will also always appear on the report. This information consists of the project recognition date; the scheme, type, and category of construction; and the project status.

All financial, structural, and other related information is reported as it becomes available. Therefore, until final support is established the estimated support amounts will be entered instead.

This report will be generated upon request.

Please indicate the time period to be covered when ordering this report.

JURISDICTION CODE NAME	OWNER SCHOOL CODE NAME	PROJECT NAME	PLANT ID
4010 CALGARY RCSS DIST #0001	8545 ST BEDE SCH	ST BEDE 6X6 CORE SCHOOL (NEW)	01639B

MINUTE NUMBER	RECOGNITION DATE	ARCH PLAN NUMBER	TENDER OR SCHEME APPROVAL DATE	COMPLETION DATE (IF AVAILABLE)	YEAR OF CAPITAL PLAN	NET CHANGE NO. OF FLOORS	NET CHANGE WASHROOM FIXTURES BOYS	GIRLS	NET CHANGE TO GROSS AREA
16653	81/01/12	05938	81/01/28	00/00/00	79-3	0	0	0	2,383

SCHEME	TYPE	CATEGORY	STATUS
PUBLIC TENDER	CORE SCH06	NEW	TRANSFERRED

ESTIMATED COST	BASIC TENDER COST	PRO-RATED TENDER COST (M2)	MAXIMUM SUPPORT AMOUNT(M2)	ESTIMATED SUPPORT AMOUNT	FINAL SUPPORT AMOUNT	FINAL COST
1,665,335	1,559,559	0.00	0.00	1,363,651	0	0

INFORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

BEST COPY AVAILABLE

CAPITAL PLAN REPORT (EDIS P145-01)

This report is a listing of all capital plans on file and their respective projects. The capital plans are reported by jurisdiction with each jurisdiction starting on a new page. The jurisdiction name, code, and status will be reported as the basic identification.

The Capital Plan Projects are identified by minute number, plant identification, project name and project status (I - In Progress, P - Proposed, H - History). An asterik (*) besides the project indicates that the project has been approved in full but no action has since been taken by the School Board.

This report will be generated whenever an update is made or on request.

EDISP145-01 21 JAN 82 CAPITAL PLAN REPORT

JURIS. NAME	JURIS. CODE	JURIS. STATUS
ST ALBERT PSS DIST #0006	7020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	
79	1	13013	00907B	H	ELMER S GISH 6X8 EXPAND CORE	
		13944	52996C	H	ELMER S GISH CORE PORTABLE	
		13944	52997C	H	ELMER S GISH CORE PORTABLE	
		13944	52998C	H	ELMER S GISH CORE PORTABLE	
		13944	52999C	H	ELMER S GISH CORE PORTABLE	
		13944	53000C	H	ELMER S GISH CORE PORTABLE	
		13944	53001C	H	ELMER S GISH CORE PORTABLE	
		13944	53002C	H	ELMER S GISH CORE PORTABLE	
		13944	53003C	H	ELMER S GISH CORE PORTABLE	
	3	17156	00674A	T	LORNE AKINS JR HIGH ADDN	
		17156	00673A	H	R RUNDLE SCHOOL ADD'N	
82	1	00202	01720B	P	WOODLANDS CORE SCHOOL	*
		00202	53587C	P	WOODLANDS CORE PORTABLE	*
		00202	53588C	P	WOODLANDS CORE PORTABLE	*
		00202	53589C	P	WOODLANDS CORE PORTABLE	*
		00202	53590C	P	WOODLANDS CORE PORTABLE	*

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

BEST COPY AVAILABLE

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

CAPITAL PLAN ROLLUP REPORT (PROPOSED)

This report is the same as the Capital Plan Report with the addition of the following information for each project: area in square meters, capacity, local cost, and government support.

This report will be generated whenever an update is made or on request.

EDIS 21 JAN 82 CAPITAL PLAN REPORT

JURIS. NAME	JURIS. CODE	JURIS. STATUS
SPIRIT RIVER SCHOOL DIVISION #47	1210	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	m^2	CAP.	LOCAL COSTS	GOV'T SUPI
81	1	17528	00781A	P	WOKING SCHOOL GYM ADD'N	250	0	113,614	179,869
		17528	53417C	P	WOKING CORE PORT	N/A	50		
		17528	53418C	P	WOKING CORE PORT				
	2	17528	00777A	P	RYCROFT SCHOOL GYM ADD'N	400	0	172,285	232,515
		17528	00782A	P	SPIRIT RIVER ELEM ADD'N ECS	180	25	139,523	98,303

SUMMARY OF SCHOOL BUILDING COSTS REPORT (EDIS P075-01)

This report lists and summarizes those construction projects that meet the selection criteria stated when the report was requested.

Projects are reported according to the scheme, type, and category of construction, all within the jurisdiction they are associated to. A new page is started for each jurisdiction.

Each project is identified by its name and the plant it is associated with. Total gross area, level of support and project cost are given for each category of construction, type of construction, and scheme of construction within each jurisdiction being reported. A total is then given for the whole jurisdiction.

Once the detailed listing is complete, a summary of all reported projects is generated. This portion of the report is a summation of all the projects' gross areas, level of support, and cost; by category of construction, type of construction, and scheme of construction. Grand totals, representing the total of all jurisdictions reported, are also given.

This report will be generated upon request.

```
          EDISP075-01          23 NOV 81                              SUMMARY OF SCHOOL BUILDING COSTS                                          PA
                                                                      FROM 80/04/01 TO 81/03/31
RISDICTION
E     NAME
30    FAIRVIEW SCHOOL DIV #50          SCHOOL DIVISION
HEME OF                  TYPE OF                    CATEGORY OF          PROJECT                                   GROSS
NSTRUCTION               CONSTRUCTION               CONSTRUCTION         NAME                             PLANT    AREA        EST/FINAL      EST-FINAL
                                                                                                          ID.      (M2)        SUPPORT        COST
BLIC TENDER              PERM OVER 750 M2           ADDITION             E E OLIVER ADDITION              00787A      1,358       622,447      1,053,371
                                                    CATEGORY TOTAL                                                    1,358       622,447      1,053,371
                         TYPE TOTAL                                                                                   1,358       622,447      1,053,371
HEME TOTAL                                                                                                            1,358       622,447      1,053,371
RISDICTION TOTAL                                                                                                      1,358       622,447      1,053,371

FORMATION FOR THIS REPORT COMPILED BY:  SCHOOL BUILDINGS ADMINISTRATION BRANCH                    NOTE:  *  INDICATES AN ESTIMATED AMOUNT
                                                                                                  TOTALS MAY THEREFORE BE A SUMMATION OF
                                                                                                  ACTUAL AND ESTIMATED AMOUNTS
```

BEST COPY AVAILABLE

EDISP075-01 23 NOV 81

SUMMARY OF SCHOOL BUILDING COSTS

FROM 79/04/01 TO 80/03/31

HEME: PUBLIC TENDER

PE OF STRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
RM 750 M2 OR LESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RM OVER 750 M2	30,447	13,118,283	24,244,975	6,700	2,792,354	4,546,220	0	0	0	40	24,729	47,028	37,187	15,935,366	28,838,223
RE SCHOOL	63,182	24,249,511	37,569,911	0	0	0	0	0	0	0	0	0	63,182	24,249,511	37,569,911
LOCATABLE CORE	11,913	3,328,133	5,080,797	0	0	0	0	0	0	0	0	0	11,913	3,328,133	5,080,797
RE PORTABLE	279	61,858	110,687	0	0	0	0	0	0	0	0	0	279	61,858	110,687
EE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	105,821	40,757,785	67,006,370	6,700	2,792,354	4,546,220	0	0	0	40	24,729	47,028	112,561	43,574,868	71,599,618

HEME: CONSTR MANAGEMENT

PE OF STRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
RM 750 M2 OR LESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RM OVER 750 M2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PE SCHOOL	4,408	1,323,804	3,576,000	0	0	0	0	0	0	0	0	0	4,408	1,323,804	3,576,000
LOCATABLE CORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PE PORTABLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4,408	1,323,804	3,576,000	0	0	0	0	0	0	0	0	0	4,408	1,323,804	3,576,000

HEME: BID DESIGN

PE OF STRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
RM 750 M2 OR LESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RM OVER 750 M2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PE SCHOOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCATABLE CORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PE PORTABLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HEME: DAY LABOUR

PE OF STRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
RM 750 M2 OR LESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RM OVER 750 M2	0	0	0	1,781	866,591	1,258,761	0	23,605	30,169	0	0	0	1,781	890,196	1,288,930
RE SCHOOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCATABLE CORE	3,390	767,884	1,457,757	0	0	0	0	0	0	0	0	0	3,390	767,884	1,457,757
RE PORTABLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3,390	767,884	1,457,757	1,781	866,591	1,258,761	0	23,605	30,169	0	0	0	5,171	1,658,080	2,746,687

HEME: GRAND TOTALS

PE OF STRUCTION	** NEW **			** ADDITION **			** RENOVATIONS **			** ADD/RENOVATE **			** TOTAL **		
	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST	GROSS AREA	EST/FINAL SUPPORT	EST/FINAL COST
RM 750 M2 OR LESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RM OVER 750 M2	30,447	13,118,283	24,244,975	8,481	3,658,945	5,804,981	0	23,605	30,169	40	24,729	47,028	38,968	16,825,562	30,127,153
RE SCHOOL	67,590	25,573,315	41,145,911	0	0	0	0	0	0	0	0	0	67,590	25,573,315	41,145,911
LOCATABLE CORE	15,303	4,096,017	6,538,554	0	0	0	0	0	0	0	0	0	15,303	4,096,017	6,538,554
PE PORTABLE	279	61,858	110,687	0	0	0	0	0	0	0	0	0	279	61,858	110,687
EE STANDING PORT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	113,619	42,049,473	72,040,127	8,481	3,658,945	5,804,981	0	23,605	30,169	40	24,729	47,028	122,140	46,556,752	77,922,305

NOTE: TOTAL MAY BE A SUMMATION OF ACTUAL AND ESTIMATED AMOUNTS

FORMATION FOR THIS REPORT COMPILED BY: SCHOOL BUILDINGS ADMINISTRATION BRANCH

BEST COPY AVAILABLE

ENROLMENTS (EDIS E125-01)

This report lists enrolments by grade breakdown for each school within a jurisdiction type, as of September 30th of a given year.

ENROLMENTS (EDIS 065-01)

This report lists enrolments by age, grade, and sex distribution, for each jurisdiction as of September 30th of a given year.

Both of these reports will be generated upon request.

JURISDICTION TYPE COUNTY

JURISDICTION CODE 2020 NAME COUNTY OF VULCAN #2 ENROLMENT TYPE OTHERS

	SEX	LESS THAN 5YRS 6MOS	<6YRS AND NOT <5YRS 6MOS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10 YEARS	11 YEARS	12 YEARS	13 YEARS	14 YEARS	15 YEARS	16 YEARS	17 YEARS	18 YEARS	19 YEARS	20 YEARS	GREATER OR EQUAL 21YRS	TOTAL BY SEX	TOTAL BY GRADE	% OF ENROLMENTS	MEDIAN AGE
GRADE I	M		7	41	1															49			
	F		9	37																46	95	8.32	6.43
GRADE II	M			14	25	3														42			
	F			14	22	2														38	80	7.01	7.21
GRADE III	M				13	31	3													47			
	F				8	28	1		1											38	85	7.44	8.34
GRADE IV	M					19	38	5	1											63			
	F					14	36		1											51	114	9.98	9.29
GRADE V	M					5	8	34	3											50			
	F						17	30	4	1										52	102	8.93	10.25
GRADE VI	M					2	8	7	23	2										42			
	F							15	41	2	1									59	101	8.84	11.1[illegible]
ELEM. SPEC	M																						
	F																						
GRADE VII	M								13	28	6	1	1							49			
	F								16	27	3									46	95	8.32	12.34
GRADE VIII	M									16	33	1								50			
	F									21	25	5								51	101	8.84	13.19
GRADE IX	M									6	19	17	4							46			
	F										21	24	2							47	93	8.14	14.01
JR. HIGH SPEC.	M																						
	F																						
GRADE X	M											17	35	8	1					61			
	F											6	26	5						37	98	8.58	15.42
GRADE XI	M												11	37	5					53			
	F												9	21						30	83	7.27	16.32
GRADE XII	M													13	30	10				53			
	F													16	24	2				42	95	8.32	17.32
SR. HIGH SPEC.	M																						
	F																						
TOTALS BY SEX	M		7	55	39	60	57	46	40	52	58	36	51	58	36	10				605			
	F		9	51	30	44	54	45	63	51	50	35	37	42	24	2				537	1142	100.00	11.77
GRAND TOTAL			16	106	69	104	111	91	103	103	108	71	88	100	60	12							
% OF EN-ROLMENT			1.40	9.28	6.04	9.11	9.72	7.97	9.02	9.02	9.46	6.22	7.71	8.76	5.25	1.05							

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCE, STATISTICS AND LEGISLATION BRANCH

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL

AS AT SEPTEMBER 30, 1980

COUNTY

JURISDICTION COUNTY OF VULCAN #2
LEGAL CODE 0002

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
ARROWWOOD SCH	5401	8	11	9	11	8	10		15	12	9						93
CARMANGAY SCH	5403	4	5	3	8	5	5										30
CHAMPION SCH	5404	9	10	13	17	12	19		14	25	24						143
LOMOND SCH	5405	13	16	4	15	15	13		14	13	13		13	15	7		151
MILO SCH	5406	5	6	8	7	11	16		17	5							75
MOSSLEIGH SCH	5407	18	9	13	14	15	14		7	13							103
COUNTY CENTRAL HIGH SCH	5410								38	38	49		85	68	88		366
HAZEL CAMERON ELEMENTARY	5411	41	28	37	46	40	34										226
NEWDALE/QUEENSTOWN COLONY	5412	4	3	4	4	4	1		2								22
RIVERBEND HUTT BRETHERN SCH	5413	1	1	2	3	1	2		1	3							14

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCE, STATISTICS AND LEGISLATION BRANCH

BEST COPY AVAILABLE

APPENDIX E

Forms by which Data are Acquired by the School Buildings Services Branch and Summary of Data Acquired by Each Form

BEST COPY AVAILABLE

FORMS

FORMS

SECTION PAGE

New Construction

Application Form for New Construction "A" 1
Summary of Projects on Form 1315-236 A & B 2
Statement of Final Costs 3
Statement of Eligible Costs 4
Final Statement of Eligible Costs 5

Modernization

School Modernization Application Form "B" . . . . 6&7
Summary of Projects on Form 1315-236 A & B 8
Statement of Final Costs 9
Final Inspection Report Form (To be done in conjunction with Statement of Final Costs) 10
Final Statement of Eligible Costs 11

Building Quality Restoration Program

BQRP Application Form . . . . 12&13
Yearly Summary Sheet . . . . 14&15
BQRP Claim Form . . . . 16&17

APPLICATION FORM FOR NEW CONSTRUCTION
ESTIMATED COST AND FUNDING BY PROJECT

FOR THE YEAR 19__ DATE __________ 19__

A

NAME OF JURISDICTION ______________________ NO ______

NAME OF DISTRICT ______________________ NO ______

____
SIGNATURE OF SECRETARY-TREASURER

	PAST ENROLMENTS (SEPT. 30)					PROJECTED ENROLMENTS				
	19	19	19	19	19	19	19	19	19	19
TOTAL JURISDICTON ENROLMENT										
% CHANGE										

NAME OF PROJECT ______________________________

PROJECT DESCRIPTION *

CAPACITY OF THIS PROJECT ☐

AREA OF THIS PROJECT ______ m²

* ATTACH SMALL SCALE PLANS AND DESCRIBE PROPOSED BUILDING PROJECT IN DETAIL

A ESTIMATED PROJECT COST	
LAND PURCHASE	$
SITE DEVELOPMENT	$
CONSTRUCTION CONTRACT	$
ARCHITECT'S FEES	$
FURNITURE AND EQUIPMENT	$
WATER AND SEWER	$
OTHER (SPECIFY)	$
______________	$
______________	$
______________	$
TOTAL ESTIMATED PROJECT COST	$______

B ESTIMATED FINANCING BY SOURCE $P = E \times U \times A \times S$		
ESTIMATED PROVINCIAL SUPPORT		
EQUITY FACTOR		
UTILIZATION FACTOR		
AREA (m²)	m²	
SUPPORT LEVEL	$ /m²	
DISTANCE ALLOWANCE	$ /m²	
OTHER ALLOWANCE	$ /m²	
______________	$ /m²	
TOTAL ESTIMATED PROVINCIAL SUPPORT	$______ /m²	$______
LOCAL SUPPORT		$
OTHER SUPPORT		$
______________		$
TOTAL ESTIMATED PROJECT SUPPORT		$______

TOTAL ESTIMATED COSTS (SECTION A) MUST EQUAL TOTAL ESTIMATED SUPPORT (SECTION B)

NAME OF SCHOOL ______________________

ADDRESS ______________________

SPECIFY SCHOOL BOARD PRIORITY OF THIS PROJECT NO ____ ☐

SPECIFY PROVINCIAL PRIORITY NO ______________ ☐

FORM 236 A

SUMMARY OF PROJECTS ON FORM 1315-236 A & B

ESTIMATED COST & FUNDING FOR THE YEAR 19__

Name of Jurisdiction: ______________________ No. ________

Current Fixed Capacity: ☐

Current Enrolment Sept. 30.19__ ☐

Current U Factor 19__ ☐

Equity Factor: ☐

Number of New Projects: Construction	
Modernization	
Total:	

________________ 19__ ________________________________

(Date) (Signature of Secretary - Treasurer)

Local Priority Number	Prov. Priority Number	Description of Project	Area Proposed m2	Area Approved m2 dept. use	Fixed Capacity Change +/-	Est. Gov't Support $	Est. Local Support $	Est. Total Cost $
		Total:						

Board Resolution:
(Please Quote)

Form 1315-236C Jan. 1984

STATEMENT OF FINAL COSTS

(For New Construction Projects Only)

NAME OF JURISDICTION ______________________________

NAME OF PROJECT ______________________ PRIORITY NO. ______

DATE PROJECT COMPLETED ______________________ YEAR ______

BY-LAW NO. ______________ BY-LAW AMOUNT $ ______

STATEMENT OF EXPENDITURES FOR THIS PROJECT:

Actual Cost of Construction ---------- $ ______
(new construction or addition)
Less Federal Tax Rebate ---------- $ ______
Sub-total ---------- $ ______
Architect Fees ---------- $ ______
Land Purchase ---------- $ ______
Site Development ---------- $ ______
Equipment ---------- $ ______
Approved Vocational Equipment ---------- $ ______
Other * ---------- $ ______
(please specify)
---------- $ ______
---------- $ ______
*(eg. Clerk of the Works, subsoil, etc.)

TOTAL EXPENDITURES ---------- $ ______ **

STATEMENT OF REVENUE USED TO FUND THIS PROJECT:

Capital Reserves ---------- $ ______
Contributions from Current Operating Fund ---------- $ ______
Capital Agreements: Federal Government ---------- $ ______
Municipalities ---------- $ ______
Other ---------- $ ______
Insurance Recovery ---------- $ ______
Grants ---------- $ ______
Other ---------- $ ______
(please specify)
Debentures Previously Issued ---------- $ ______
Total ---------- $ ______
Debenture Issue Requested (AMFC - Form B) ---------- $ ______

TOTAL REVENUE ---------- $ ______ **

** To Agree

DATE: ______________ ______________________
Signature - Secretary Treasurer

NOTE: Submit this statement to School Buildings Services with a copy to School Business Administration Services, Alberta Education.

SCHOOL BUILDINGS BOARD

Statement of Eligible Costs

(New Construction)

School Building Project In ____________________ Div./Cty. ________

____________ S.D. No. ________ Name ____________________

New ________ Addition ________ Other ____________________

Final Cost Amount $ ____________

Less Federal Sales Tax @ ________ % $ ____________

Sub-total $ ____________

Plus Professional Fees @ ________ % $ ____________

Total $ ____________

Gross area provided ________ m2 Cost per m2 $ ____________

Less ________ m2 not recognized in respect to: ____________________

____

leaving ________ gross m2 for approval.

PROVINCIAL GOVERNMENT ESTIMATED SUPPORT (New Construction)

E ________ $P = E \times U \times A \times S$

U ________

A ________

S ________ $ ____________

(Includes distance, if applicable)

Other factors, if applicable (e.g. Subsoil, Clerk of the Works, etc.)

____________ $ ____________

____________ $ ____________

____________ $ ____________

*Total Estimated Government Support $ ____________

Estimated School Board Support $ ____________

NOTE:

The amount of eligible debenture may be less than this amount, if there are other forms of support which are to be applied, such as insurance proceeds, capital funds from the sale of school property, excess debentures, contributions from the Government of Canada or others, etc. The Department of Education deals with these matters in conjunction with the issuing of debentures.

ITEM # ________ Date ________ ____________________

Coordinator and Secretary
School Buildings Board

Tender/Day Labor Scheme approved ____________

*Final financial support will be determined three years after date of tender approval.

March, 1985

SCHOOL BUILDINGS BOARD

FINAL STATEMENT OF ELIGIBLE COSTS

(as per 1979 Regulation 15(n))

SCHOOL BUILDING PROJECT IN ______ CTY/DIV ______

______ S.D. NO. ______ NAME ______

NEW ______ ADDITION ______ OTHER ______

FINAL COST AMOUNT	$ ______
LESS FEDERAL SALES TAX @ ______ %	$ ______
SUB-TOTAL	$ ______
PLUS PROFESSIONAL FEES @ ______ %	$ ______
	$ ______
	$ ______
	$ ______
TOTAL	$ ______

GROSS M^2 PROVIDED ______ COST PER M^2 $ ______

LESS ______ M^2 not recognized in respect to: ______

______

______

LEAVING ______ M^2 FOR APPROVAL.

FINAL PROVINCIAL GOVERNMENT SUPPORT (new construction)

E ______

$$P = [\ 1 - 0.15(E)\ ] \times [\ \frac{U}{0.85}\ ] \times [\ M \times S\ ]$$

U ______

M ______

S ______ $ ______

Includes distance and other factors, if applicable

$ ______ $ ______

$ ______ $ ______

*TOTAL GOVERNMENT SUPPORT $ ______

SCHOOL BOARD SUPPORT $ ______

NOTE:

The amount of eligible debenture may be less than this amount, if there are other forms of support which are to be applied; such as, insurance proceeds, capital funds from the sale of school property, excess debentures, contributions from the Government of Canada or others, etc. The Department of Education deals with these matters in conjunction with the issuing of debentures.

ITEM # ______ DATE ______

______
Coordinator and Secretary
School Buildings Board

TENDER/DAY LABOUR SCHEME APPROVED ______

*This supersedes the Estimated Statement of Eligible Costs dated ______

SBBD Form NFP 3C-82 (Revised 1983.11.1)
(January 1, 1982)

MODERNIZATION FORMS

SCHOOL MODERNIZATION APPLICATION FORM

B

ESTIMATED COST AND FUNDING BY PROJECT
FOR THE YEAR 19__ DATE ____________

Name of Jurisdiction ______________________ No. ______

Name of District ______________________ No. ______

____
Signature of Secretary-Treasurer

	Past Enrolments (Sept 30)					Projected Enrolments				
	19	19	19	19	19	19	19	19	19	19
Total Jurisdiction Enrolment										
% Change										
Project School Enrolment										

Name of Project ______________________

Room or Area ____________ Age of Building ____________ Type of Constuction ____________

Project Description*:

Area (m^2) of this project	
Current capacity of school	
Capacity after Modernization	
Capacity change	

*Attach Statement of Program Development, School Facility Assessment Reports, small scale plans, description of proposed work, and cost estimates
(For further information, refer to back of this form)

A. ESTIMATED PROJECT COSTS

Architectural	$
Structural	$
Mechanical	$
Electrical	$
Code	$
Consultant's Fees	$
Other (specify) ____________	$
____________	
____________	
____________	
Total Estimated Project Costs	$

B. ESTIMATED FINANCING BY SOURCE

Estimated Maximum Provincial Support ($P = E \times U \times A \times \frac{S}{2}$)*

Equity Factor		
Utilization Factor		
Area (m^2)	m^2	
Support Level (new construction)	\$ /m^2	
Distance Allowace	\$ /m^2	
Other Allowance	\$ /m^2	
Modernization Support $\left(\frac{\text{support level + allowances}}{2}\right)$	\$ /m^2	
Total Estimated Max Provincial Support	\$ /m^2	$
Local Support		$
Other Support ____________		$
____________		
Total Estimated Project Support		$

Note Total Estimated Costs (Section A) should equal Total Estimated Support (Section B)
*If Total Estimated Cost is less than $A \times \frac{S}{2}$, use Total Estimated Cost in calculating the Provincial Support Estimate

Name of School ______________________

Address ______________________

Specify School Board Priority of this Project No.	
Specify Provincial Priority No	

FORM 236B

BEST COPY AVAILABLE

GENERAL INSTRUCTIONS

1. Application Form B, Summary Form C and related materials to be submitted in duplicate.
2. Outline of a School Modernization Program Submission.

   The following suggested outline will assist in developing a Modernization submission.

   A. Statement of Program Development
      1. Needs (Educational, Administrative, Community and Other Needs)
      2. Evaluation of Demographic Information
      3. Student numbers bussed to this school
      4. Inventory of this and other nearby building facilities

   B. Assessment of Facilities Selected for Modernization
      1. Evaluation reports on condition and adequacy of existing building structural, architectural, mechanical and electrical systems
      2. Recommended improvements to the above systems

   C. Submission of schematic plans, work description and cost estimates
3. Cost Estimate Format (for detailed project submission stage).

   The following general format may be used for estimating costs. Provide description and quantity for each work item.

	Cost Estimate
(a) Architectural	
1. Demolition	$
2. Interior Upgrading	
- floors	$
- walls	$
- ceilings	$
- doors & windows	$
- millwork	$
- acoustics	$
- redecorating	$
Subtotal	$
3. Exterior Upgrading	
Subtotal	$
(b) Structural	
Subtotal	$

	Cost Estimate
(c) Mechanical	
1. Heating	$
2. Ventilation	$
3. Plumbing	$
Subtotal	$
(d) Electrical	
1. Services and Distribution	
2. Lighting	
3. Outlets	
4. Intercommunication	
Subtotal	$
(e) Code	
Subtotal	$
(f) Others (Specify)	
Subtotal	$
TOTAL	$

4. Preliminary estimate of provincial support for modernization projects.

   a. General Modernization $P = E \times U \times A \times \frac{S}{2}$

   where P is maximum provincial support
   E (Equity Factor) = (1-0.15e)
   U Utilization Factor = $\frac{u}{0.85}$

   A is maximum gross area of a school building project eligible for financial support
   S is the financial support per square metre

   Details are outlined in the School Buildings Regulation

   b. Modernization of existing school space in lieu of new construction

   $$P = E \times U \times 1.10 \times A \times \frac{S}{2}$$

   provided that where $U \times 1.10$ exceeds one it shall be considered to be one

   c. Modernization of a small area for mandated program changes

   $$P = E \times A \times \frac{S}{2}$$

   NOTE: If school board's estimated cost is less than $A \times \frac{S}{2}$, the estimated amount should be used in lieu of $A \times \frac{S}{2}$ in the above funding formula.

   It must also be noted that the above formulae may be used to arrive at a preliminary estimate of provincial support as long as it is understood that final financial support may be less than the preliminary estimate. This is because final provincial support shall be based on a supported cost which shall be limited to the lesser of:

   (i) one half of the current support for new construction $(A \times \frac{S}{2})$ or a maximum level established by the School Buildings Board (whichever is less), and
   (ii) the actual cost of the modernization project.
5. Should clarification be required in completing this form, please contact Mr. Hoang Le, Engineering Manager at 427-2973 (Edmonton).

SUMMARY OF PROJECTS ON FORM 1315-236 A & B

ESTIMATED COST & FUNDING FOR THE YEAR 19___

Name of Jurisdiction: ______________________ No. ________

Current Fixed Capacity: ☐ Current Enrolment Sept. 30. 19___ ☐ Current U Factor 19___ ☐ Equity Factor: ☐

Number of New Projects: Construction ☐

Modernization ☐

Total: ☐

______________ 19___ (Date) ______________ (Signature of Secretary - Treasurer)

Local Priority Number	Prov. Priority Number	Description of Project	Area Proposed m^2	Area Approved m^2 dept. use	Fixed Capacity Change +/-	Est. Gov't Support $	Est. Local Support $	Est. Total Cost $
		Total:						

Board Resolution:
(Please Quote)

Form 1315-236C Jan. 1984

STATEMENT OF FINAL COSTS

(MODERNIZATION PROJECT 19__)

JURISDICTION ______________________

SCHOOL NAME/LOCATION ______________________

PROJECT DESCRIPTION ______________________

COMPLETION DATE __________ PRIORITY NO. __________

SCHOOL BUILDINGS BOARD APPROVAL MINUTE NO. __________

By-law No. __________ By-law amount $__________

STATEMENT OF EXPENDITURES FOR THIS PROJECT

Actual cost of modernization project only	$
Professional fees	$
Other (specify)* ______________	$
______________	
(*e.g. Clerk of the Works) ______________	
TOTAL EXPENDITURES	$ **

STATEMENT OF REVENUE USED TO FUND THIS PROJECT

Capital Reserves		$
Contributions from Current Operating Fund		$
Capital Agreements:	Federal Government	$
	Municipalities	$
	Other	$
Insurance Recovery		$
Grants		$
Other (specify) ______________		$
______________		
Debentures previously issued		$
	TOTAL	$
Debenture Issue Requested (AMFC - Form B)		$
TOTAL REVENUE		$ **

**Totals must agree

DATE: ______________ ______________ Signature - Secretary Treasurer

NOTE: This statement to be submitted to School Buildings Services upon project completion with a copy to School Business Administration Services.

FINAL INSPECTION REPORT FORM
(MODERNIZATION PROJECT 19__)
TO BE DONE IN CONJUNCTION WITH STATEMENT OF FINAL COSTS

PART 'A' Statement of Final Project Cost (To be completed by School Board)

SCHOOL JURISDICTION: ________________

SCHOOL: ________________

PROJECT DESCRIPTION: ________________

SCHOOL BUILDING BOARD MINUTE NUMBER(s): ________ ________

- Total Construction Cost of Project (Not including fees - attach cost break down)	$________
- Less cost not related to the above minute number(s)	$________
SUB TOTAL	$________
- Plus Professional fees on government approved items	$________
Total Cost of Government Approved Portion	$________

I certify that to the best of my information and belief, the cost information used for the determination of government support payable by Alberta Education is correct.

________________ ________

Signature of Secretary-Treasurer Date

PART 'B' Recognition of need (To be Completed by Alberta Education)

_____ x _____ x _____ m^2 x _____ = $________ Maximum Support Including Contingency and Fees

$________ Maximum Approved Construction Cost Including Contingency and Fees

PART 'C' Inspectors Evaluation

$________

$________

____________ ________

Inspection By Date

Recommended Approved Construction Cost Including Contingency and Fees $________

SCHOOL BUILDINGS BOARD
FINAL STATEMENT OF ELIGIBLE COSTS
(MODERNIZATION PROJECT 19___)

JURISDICTION ____________________

SCHOOL NAME/LOCATION ____________________

PROJECT DESCRIPTION ____________________

COMPLETION DATE ____________ PRIORITY NO. ____________

SCHOOL BUILDINGS BOARD APPROVAL MINUTE NO. ____________

COSTS

Total construction cost of project $ ____________

Less costs not related to approval number(s) $ ____________

SUB TOTAL $ ____________

Plus professional fees on government approved items @ ______% $ ____________

Total cost of Government approved items $ ____________

Department supported cost (approval letter) $ ____________

Less costs of approved work not completed $ ____________

Final recommended approved project cost $ ____________

PROVINCIAL GOVERNMENT FINAL SUPPORT

P = E x U x Supported Cost*

Equity Factor ____________

Utilization Factor ____________

Approved Supported Costs ____________

(includes applicable distance allowance)

$ ____________

Other factors (if applicable)

e.g. Clerk of the Works ____________ $ ____________

____________ $ ____________

TOTAL GOVERNMENT SUPPORT $ ____________

SCHOOL BOARD SUPPORT $ ____________

NOTE: The amount of eligible debenture may be less than this amount if there are other forms of support which are to be applied, such as insurance proceeds, capital funds from the of sale of school property, excess debentures, contributions from the Government of Canada or other, etc. The Department of Education deals with these matters in conjunction with the issuing of debentures.

ITEM # ____________ Date ____________ ____________

Coordinator and Secretary
School Buildings Board

Tender/Day Labour Scheme approved ____________

- Supported Cost as established by the School Buildings Board.

BQRP FORMS

BQRP-A-86
Form C

C

BQRP

APPLICATION FORM

Submit Application Forms and All Related
Material in Duplicate. Please refer to
Instructions on the Back of this page

PROGRAM YEAR 19____

SCHOOL JURISDICTION ______________________ NO.____________

SCHOOL NAME ______________________ LOCATION____________

Sch. Board Priority Number	BQRP Category	Proposal (Specific details required)	Age of * Construction	Cost Estimate
			Total	

Secretary Treasurer ____________________ Date________ 19___

* Age of that section of building in which the proposed project is being considered, or year that thi component last received funds under a similar BQRP.

Forward applications and all related material to: Program Co-ordinator School Buildings Services Branch.

Contact Person ____________________ Phone No.____________________

INSTRUCTIONS

1. Applications to be submitted in metric. (School Board to provide all necessary measurements.)

2. Append in duplicate any details that may assist the School Buildings Board in fully understanding the proposal.

3. Sketch Plans of the entire school showing area involved must be attached.

4. Submissions under Category 1 (b) must be identified on an elevation of the area(s) involved.

5. Submissions under Category 4 must be documented by the pertinent Provincial Code Authority.

6. Complete cost estimate details to be appended to the application form.

7. Roof applications must be accompanied by a Roofing Consultant's (not roofer) Report.

NOTE: Submissions not completed in detail will be returned and reapplication may be made in the following year.

Enquiries about any of the programs may be directed to:

General - Fiore Berlin

Energy - Dave Cousins

Code - Trevor Gough

Construction Inspectors

William Belous

Jim Johnson

Trevor Gough

Ed Pardely

All the staff members listed may be contacted at 427-2973.

BQRP

BQRP-S-86

YEARLY SUMMARY SHEET

Submit Summary Sheet and All Related Material in Duplicate. Please refer to Instructions on the Back of this page

PROGRAM YEAR 19____

SCHOOL JURISDICTION ______________________________ NO.______________

SCHOOL BOARD USE (Complete All Columns)							Dept. Use Only	
School Name (List Alphabetically)	Identification of Project	Overall Local Priority	Provincial Priority	Estimated Government Support	Estimated Local Cost	Total	Meets Priority	Estimated Government Support*
Sub-totals for this sheet								
Total for Your Jurisdiction (last sheet)								

School Board Motion: (Please Quote)

Secretary-Treasurer ______________________ Date__________ 19___

* For budget purposes only. Official recognition must be received from the School Buildings Board before commencing the project.

Contact Person ______________________________ Phone No.______________________

• Instructions for Completing Yearly Summary Sheet

This summary sheet will be reviewed by Branch personnel and returned with the columns "for Department use only" filled in. The School Board can then use this information for budget purposes.

It should be noted that official recognition of need must be received from the School Buildings Board before commencing work as projects that are identified as meeting the priority list may be eliminated for other reasons.

FORMULA FOR ESTIMATING THE LEVEL OF GOVERNMENT SUPPORT

$	x		x		=	$
School Board Estimate Including Consultants Fees		Age Factor When Applicable		Equity Factor		Maximum Support

Calculation of Age Factor

- The age of this section of building or the age this project last received BQRP support divided by the age factor as specified under the specific category. This figure will not exceed one.

Calculation of the Equity Factor (1 - 0.15e)

- District Equalized Assessment per Resident Pupil
- Provincial Equalized Assessment per Resident Pupil
- e (District assessment divided by Provincial assessment)
- Equity Factor = (1 - 0.15e)

The Equity Factor will not be less than .85 or more than .97.

Should clarification be required in completing this form, please contact Mr. Fiore Berlin, Program Coordinator at 427-2973 in Edmonton.

BEST COPY AVAILABLE

BUILDING QUALITY RESTORATION PROGRAM CLAIM FORM

B.Q.R.P. I: 07-85

19__ RECOGNITION OF NEED

SCHOOL JURISDICTION·

______________________ No.________ NAME OF SCHOOL ______________________

Part A (To be completed by School Buildings Board)				Part B (To be completed by the Secretary-Treasurer) Refer to Instructions on Reverse Side					Part C (To be completed b an Alberta Education Constructio Inspector)	
Min. No.	Item & Cat.	Description	Maximum Recog-nition	Final Cost	Vendor	Invoice No.	Amount of Invoice	Amount Claimed	Inspectors Comments	Maximum Approval
				(A)	(B)	(C)	(D)	(E)		
									Administration Fe (2)	$
		TOTAL	$					$	Inspection Report by: TOTAL	$

AUTHORIZATION

____
CO-ORDINATOR and SECRETARY
SCHOOL BUILDINGS BOARD
DATE ______________ 19__
DEPARTMENTAL USE ONLY ☐☐☐☐☐

I certify that to the best of my information and belief, the cost information used for the determination of the grant payable by Alberta Education is correct.

____
SIGNATURE OF SECRETARY-TREASURER

______________ 19__
DATE

____
INSPECTOR

____
PROGRAM CO-ORDINATOR
DATE 19__

CLAIM PROCEDURES

(1) Upon completion of the total project (all project items must be accounted for) fill out Part "B" as follows:

- (i) Column (A) Final Cost - List final costs for each project item (or sub-item) recognized. A combined cost will not be accepted. If the work will not be done indicate by marking cancelled.
- (ii) Column (B) Vendor - Provide the name of the vendor.
- (iii) Column (C) Invoice No. - Fill in the vendor's invoice number.
- (iv) Column (D) Amount of Invoice applicable to this item.
- (v) Column (E) Supported Amount Claimed - The lesser of:
  - (a) actual cost pro-rated by the formula, OR
  - (b) maximum recognition.

(2) Where an invoice reflects materials, supplies and labour purchases for other parts of this project, or for other projects, whether approved or not, the total invoice amount should be reconciled on an attachment.

(3) It is not necessary to submit receipts, cancelled cheques or invoices.

NOTE:

Alberta Education and Auditor General of Alberta reserve the right to review the financial records of the school board relative to this program.

Records should include:

- (a) invoices listed on the claim
- (b) schedules showing labor costs for board employed (full-time, part-time, or contract) who have worked on a project. The schedules should provide:
  - (i) the individual's name
  - (ii) hours worked on each project
  - (iii) hourly rate of pay
  - (iv) time sheets should support the schedule

  This schedule should be certified by the Secretary-Treasurer.
- (c) Statements giving costs of items used from stock (inventory) should be related to specific projects for which the materials were used. This schedule should be certified by the Secretary-Treasurer.

When Part "B" is completed, submit two copies of the statement to:

Fiore Berlin
Program Co-ordinator
School Buildings Services
Devonian Building, 9th Floor West
11160 Jasper Avenue
Edmonton, Alberta
T5K 0L2

School Buildings Services will submit this form to Grants Administration for processing.

BEST COPY AVAILABLE

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

NOTE

The information contained in this segment of this appendix Project Comparison of Debenture Draws compares the various projects regarding the variation in duration and date (months) when debenture draws are made following: a) the initial date of approval either in full (usually the case for new construction) or in principle by the School Buildings Board; and b) Ministerial approval of the date of tender.

The first debenture draw is usually 50%; the second draw is usually 25% upon completion of the project to the three-quarter stage; and the third draw, 25% occurs at completion of the project.

Larger projects may have up to four or five draws.

Debenture information is obtained from H. Lehman of the School Business Administration Branch.

PROJECT COMPARISON - APPROVAL DATE TO FINAL DEBENTURE DRAW IN MONTHS

Project Name	Priority Year	School Buildings Approval Date (Estimated Support)	Tender Date	Time in Months	1st Deb. Draw	Time in Months	2nd Deb Draw	Time in Months	3rd Deb. Draw	Time in Months	4th Deb. Draw Months
R. J. Hawkey 8 x 8 Core	1979	Oct. 26, 1979 (1,291,176)	Feb. 20-80	4	June-80 (825,000)	8	Dec-80 (500,000)	14	Dec-81 (335,000)	26	
Sexsmith 6 x 6 Core	1979	Feb.23-78 (831,710)	Jan 2-79	11	March-79 (560,000)	13	Aug-79 (340,000)	18	June-80 (125,000)	28	Nov-81 (41) (169,463)
Lorne Jenkins Addition	1979	June 18-79 (1,369,334)	July 2-80	13	Sept-80 (1,300,000)	15	Sept-81 (950,000)	27	Nov-81 (475,000)	29	Sept-82 (39) Dec-82 (698,746)
Park Meadows 8 x 8 Core & Portables	1979	June 18-79 (1,682,816)	Aug 15-80	14	Oct-80 (1,300,000)	16	Oct-81 (710,000)	28	Oct-82 (668,500)	30	
Pat Hardy 6 x 6 Core	1979	July 4-78 (995,400)	Jan.31-79	6	Apr.-79 (655,000)	9	Oct-79 (445,000)	15	June-80 (175,000)	23	Aug-81 (37) (138,982)
Frank Maddock Add'n & Renovations	1980	Oct 10-80 (1,487,834)	Oct 1-82	24	Dec-82 (1,000,000)	26	Dec-83 (1,000,000)	38	Apr-85 (700,000)	54	No Final Costs
Dan Knott 10 x 8 Core	1980	Feb 20-79 (1,323,804)	Feb 20-80	12	Dec-80 (2,106,000)	22	Apr-81 (1,100,000)	26	Aug-81 (64,600)	30	May-83 (51) (126,799)
H.E. Bourgoin 8 x 8 Core	1980	March 21-80 (1,978,419)	Aug 18-80	5	Nov-80 (1,000,000)	8	Apr-81 (700,000)	13	Sept-81 (430,000)	18	May 82(26) (724,825)
Father Patrick Mercredi High	1980	Jan 18-80 (4,147,391)	Jan 5-81	12	Mar-81 (5,500,000)	14	Aug-82 (3,300,000)	31			
Holy Family 8 x 8 Core	1980	May 23-80 (1,726,605)	Oct 14-80	6	Dec-80 (1,000,000)	8	July-81 (1,000,000)	15	Dec-81 (630,000)	20	

Project Name	Priority Year	School Buildings Approval Date (Estimated Support)	Tender Date	Time in Months	Ist Deb. Draw	Time in Months	2nd Deb Draw	Time in Months	3rd Deb. Draw	Time in Months	4th Deb. Draw Months
Crystal Park Core & C.D.C. Centre	1982	Oct 2-81 (10,326,757)	Nov 12-82	13	Dec-82 (3,000,000)	14	Apr-83 (4,000,000)	18	Sept-83 (4,000,000)	23	May-84 (31) (2,500,000) (Dec-84 (38) (794,108)
Lacombe Park High School	1983	Apr 22-83			Estimated Support - $8,706,280						
Bert Church (Airdire)High	1983	Sept 21-79 (4,005,958)	Aug 31-82	35	Dec-82 (3,600,000)	39	April-83 (2,250,000)	44	Aug-86 (900,000)	60	No Final Costs
Beau Meadows 8 x 8 Core	1983	July 23-82 (2,047,823)	Nov 24-82	4	Mar-83 (1,200,000)	8	Sept-83 (750,000)	14	Aug-84 (552,863)	25	
J. Percy Page High	1983	Sept 26-80 (8,248,849)	Nov 12-82	26	Mar-83 (3,000,000)	30	June-83 (3,500,000)	33	NOv-83 (6,060,000)	38	Apr-84 (43) (2,426,300) Aug-85 (59) (1,411,410)
Barrhead 10 x 8 Core	1983	Jan 7-83 (2,730,757)	June 30-83	6	Sept-83 (1,480,000)	9	Apr-84 (940,000)	16	Oct-84 (395,000)	23	No Final Costs
Fort Vermilion Addition and Modern.	1984	April 13-84 (1,811,550)	July 4-85	15	Sept-85 (1,486,043)	17					No Final Costs
Edwin Parr Addition And Moder.	1984	April 13-84 (2,144,143)	Oct 18-84	6	Jan-85 (1,530,000)	9	Aug-85 (650,000)	16			No Final Costs
Averages (Months)				(13)		(16)		(23)		(30)	(46)

BEST COPY AVAILABLE

roject Name	Priority Year	School Buildings Approval Date (Estimated Support)	Tender Date	Time in Months	1st Deb. Draw	Time in Months	2nd Deb Draw	Time in Months	3rd Deb. Draw	Time in Months	4th Deb. Draw Months
isstassiny Addition	1981	Jan 18-80 (4,861,272)	July 3-81	18	Sept-81 (1,500,000)	20	Nov-81 (700,000)	22	Aug-82 (970,000)	31	
ythe Addition	1981	July 27-79 (1,372,676)	Sept-15-81	26	Dec-81 (740,000)	29	June-82 (660,000)	35	Aug-82 (215,000)	37	
eorge Davison 8 x 8 Core	1981	Sept 21-79 (1,913,282)	Oct 28-81	25	Dec-81 (1,000,000)	27	July-82 (750,000)	34	Feb-83 (1,024,443)	41	
elson Heights 8 x 8 Core	1981	June 22-81 (3,179,364)	Apr 28-82	10	July-82 (2,000,000)	13	Dec-82 (1,000,000)	18	Mar-83 (600,000)	21	Dec-83 (30) (619,000)
t. Luke 8 x 8 Core	1981	Aug 5-81 (2,251,513)	July 15-82	11	Sept-82 (1,500,000)	13	Apr-83 (1,500,000)	20	Mar-84 (1,000,000)	31	Dec-84 (40) (452,174)
rouard 6 x 6 Core	1982	Jan 19-82 (2,206,308)	Dec 8-83	22	Jan-84 (1,344,220)	23	Sept-84 (1,100,500)	31	Mar-85 (856,780)	37	Sept-85 (42) (200,000)
orta Lab Project	1982	Nov 26-82		Estimated Support = $200,000							
raminia Elementary Jr ore	1982	Mar 26-82 (2,327,895)	Aug 11-82	5	Oct-82 (1,350,000)	7	Oct-83 (2,000,000)	19			No Final Costs
rkview (Jack Stuart) x 8 Core	1982	July 29-82 (2,129,011)	Feb 18-83	7	Apr-83 (1,200,000)	9	Mar-84 (670,000)	20	June-84 (200,000)	23	Dec-84 (29) (144,717)

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

September 10, 1985

Summary 1986 Capital Budgets

Provincial Priority No. 1		NIL	$ 0
Provincial Priority No. 2			
	Total recommended for approval:	New Construction	$ 10,700,482
		Modernization	$ 4,172,348
		TOTAL:	$ 14,872,830
	Total Approved (Emergent):	New Construction	$ 4,828,277
		Modernization	$ 0
		TOTAL:	$ 4,828,277
	SUB-TOTAL:		**$ 19,701,107**
Provincial Priority No. 3		NIL	$ 0
Provincial Priority No. 4			
	Total recommended for approval:	New Construction	$ 5,810,172
		Modernization	$ 23,277,206
		TOTAL:	$ 29,087,378
	Total on Hold:	New Construction	$ 259,924
		Modernization	$ 1,154,361
		TOTAL:	$ 1,414,285
	SUB-TOTAL:		**$ 30,501,663**
		GRAND TOTAL:	**$ 50,202,770**

Summary 1986 Capital Budgets (Continued)

Provincial Priority No. 5	NIL	$	0
Provincial Priority No. 6	NIL	$	0
Provincial Priority No. 7 Low priority projects under review		$	4,391,521

NOTE: ESTIMATED GOVERNMENT SUPPORT WAS CALCULATED AS FOLLOWS:

P	=	E	x	U	x	A	x	S
Provincial Support		Equity Factor		Utilization Factor		Area In m^2		$ Support per m^2

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 2

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Warner #5	Northside Elem. Addition	Music, Library, Corridor, Shower and Dressing Area, etc.	25	1	2	H	.9243	.7617	390	905	Yes	248,491	Emergent Item Approved "In Principle" 85-08-23
County of Warner #5	Northside Elem. Modern.	Minor Modern. of 1962 Section to accommodate New Construction	-0-	1	2	H	.9243	.8500	300	269.8	Yes	63,591	Approval "In Principle"
County of Forty Mile #8	Foremost School Addition	Home Ec., Spec. Ed., Library, Shower and Dressing, etc.	30	1	2	H	.8547	.5767	750	965	No	356,740	Approval "In Principle"
County of Forty Mile #8	Foremost School Modern.	1947 - Convert 2 Classrooms to Home Ec., Spec. Ed., Gym Storage 1961 - Convert Library, Staff, Admin. to Admin. and Staff and convert Home Ec. and Classroom to Bus. Ed. and Computer Lab. General Exterior, Roofing and Interior upgrading (from B.Q.R.P.)	-25	1	2	H	.8547	.8500	1650	487.5	No	584,374	Approval "In Principle"
County of Barrhead #11	Neerlandia 3 Core Ports.	3 Core Ports.	75	1	2	H	.9278	.9702	300	620	Yes	167,428	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 2

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Mountain View #17	Didsbury 8x8 Expanded Core High	8x8 Expanded Core High	340	1	2	H	.8607	1.00	3845	820	No	2,713,701	Approval "In Full"
County of Strathcona #20	Fort Park 2 Core Ports.	2 Core Ports.	50	3	2	H	.8682	.9249	210	575	Yes	96,962	Approval "In Principle"
County of Leduc #25	Beaumont High School	Permanent High School	605	1	2	H	.8630	.9184	5600	845	Yes	3,750,485	Approval "In Principle" until site confirmed
	Beau Meadow Elem. 3 Core Ports	3 Core Ports.	75	2	2	H	.8630	.9184	300	575	Yes	136,720	Approval "In Principle"
	Beau Meadow Port. Connect. Corridor	Port. Connect. Corridor	-0-	3	2	H	.8630	.9184	20	575	Yes	9,115	Approval "In Principle"
	Move 1 Core Port. from New Sarepta to Beau Meadow	N/A	---	4	2	H	---	---	---	---	Yes	4,000	Approval "In Principle"
	Move 2 Core Ports from New Sarepta to Lindale Elem.	N/A	---	5	2	H	---	---	---	---	Yes	8,000	Approval "In Principle"
	Move 1 F.S. Port. from Lindale to New Humble Centre	N/A	---	6	2	H	---	---	---	---	Yes	4,000	Approval "In Principle"
	Move 1 F.S. Port. from New Sarepta to Bellevue	N/A	---	7	2	H	---	---	---	---	Yes	4,000	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 2

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Parkland #31	Broxton Park 6 Core Ports.	6 Core Ports.	150	6	2	H	.8566	.9693	600	575	No	286,454	Approval "In Full"
	Broxton Park Portable Connecting Corridor	Portable Connecting Corridor	-0-	7	2	H	.8566	.9693	-0-	-0-	No	No Support	Area Included in 6 Core Portables
	Drayton Valley 1 Core Port.	1 Core Port.	25	8	2	H	.8566	.9693	100	620	No	51,479	Emergent Item: Approved In Full on 85-06-28
	Graminia 1 Core Port.	1 Core Port.	25	9	2	H	.8566	.9693	100	605	No	50,233	Emergent Item: Approved In Full on 85-06-28
Peace River Div. #10	Grimshaw Addition	2 Classrooms, 2 Ancillaries, 1 Science, Library Extension, Science Extension, Gym Storage, Shower and Dressing, etc.	125	1(a)	2	H	.8809	.9200	1100	930	No	829,068	Approval "In Principle"
	Grimshaw Modern.	Complete 1956, 1959 and 1971 Sections	-25	1(b)	2	H	.8809	.9200	2304	564.3	No	1,053,676	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 2

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Ft. Vermilion Div. #52	Tompkins Landing School	2 Classrooms, Library/Ancillary, Spec. Ed., Phys. Ed. Activity Room, etc.	85	1	2	H	.9128	1.00	785	940	No	673,555	Emergent Item: Approved "In Full" 85-08-16
	Zama City School	Library/ Ancillary, Spec. Ed., and Non-instructional	35	2	2	H	.9128	1.00	440	1005	No	403,640	Emergent Item: Approved "In Full" 85-08-16
Edmonton Dist. #7	Weinlos 4 Core Ports.	4 Core Ports.	100	1	2	H	.8500	.8049	400	575	No	157,358	Approval "In Full"
Calgary Dist. #19	James Fowler Addition	5 Shops, Food Classroom, Greenhouse, etc.	100	20(a)	2	H	.8500	.8530	1460	780	No	825,687	Approval "In Principle"
	James Fowler Modern.	General Modern.	-0-	20(c)	2	H	.8500	.8530	7552	385.1	No	2,108,645	Approval "In Principle" subject to 1985 approval being rescinded. See Note 1.
Red Deer Dist. #104	Mountain View Addition	2 Station Gym, Showers & Dressing Areas, etc.	-0-	1	2	H	.8818	.9730	680	905	No	528,008	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 2

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
	Mountain View Modern.	1958/66 Gym to Resource Centre	-0-	2	2	H	.8818	.9730	620	368.3	No	195,919	Approval "In Principle"
	G.W. Smith 2 Core Portables	2 Core Ports.	50	3	2	H	.8818	.9730	210	620	No	111,710	Approval "In Principle"
	G.W. Smith Modern.	1963 - Admin., Washroom, Change Rooms	-25	4	2	H	.8818	.9730	367	412	No	129,732	Approval "In Principle"
Calgary RCSSD #1	**10 Core Portables**	10 Core Portables	250	1	2	H	.8595	.9628	1000	575	No	475,828	Approval "In Principle" pending verification of initial location
	St. Stephens Addition	2 ANC's, etc.	50	4	2	H	.8595	.9628	225	845	No	157,333	Approval "In Principle"
	St. Stephens Modern.	1965 - Art ANC	-0-	5	2	H	.8595	.9628	108	407.4	No	36,411	Approval "In Principle"
Edmonton RCSSD #7	**St. Maria Goretti 2 Core Portables**	2 Core Portables	50	36	2	H	.8515	.7575	210	575	No	77,885	Approval "In Full"
Lakeland RCSSD #150	**Lakeland Equity Core School**	10 x 8 Core	390	1	2	H	.9205	N/A	4060	910	No	3,400,879	Emergent Item: Approved In Full on 85-05-31

Total Recommended for Approval:	New Construction Modernization	$10,700,482 $ 4,172,348
Total Approved (Emergent):	New Construction Modernization	$ 4,828,277 $ -0-
Total On Hold:		$ -0-
	GRAND TOTAL:	$19,701,107

Note 1 - Furniture and equipment is not supported under the current plan.

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Ponoka #3	Ponoka Elem. Modern.	Complete Modern. of 1929 Brick Building (Inc. Roof from B.Q.R.P.)	-25	1	4	H	.8931	.8500	1633	470	No	582,644	Approval "In Principle"
	Ponoka Upper Elem. Modern.	Complete Modern. of Upper Elem. (Gr. 4, 5 & 6) Inc. Roof from B.Q.R.P.	-0-	2	4	H	.8931	.8500	2734	470	No	975,473	Approval "In Principle"
	Ponoka Elem. Addition	Music Room, Permanent Connecting Corridor	25	3	4	H	.8931	.7937	300	905	No	192,454	Approval "In Principle"
County of Newell #4	Tilley Addition	Mudroom Addition	-0-	1	4	L	.8500	.7216	50	975	No	29,901	Approval "In Full"
	Bassano Modern.	Science Room 1969 Section	-0-	1	4	H	.8500	.8500	96	208	No	14,450	Approval "In Principle"
	Rosemary Modern.	Science Room 1958 Section	-0-	1	4	H	.8500	.8500	70	286	No	14,450	Approval "In Principle"
County of Warner #5	Raymond Jr./Sr. High Modern.	Modernize 1951, 1957, 1965, 1963, and 1973 Sections	-0-	2	4	H	.9243	.8500	6150	295	Yes	1,426,824	Approval "In Principle"
	Raymond Jr./Sr. High Addition	2 Station Music/Ancillary, Expand Library, Shower and Dressing Rooms, etc.	50	3	4	H	.9243	.7617	620	905	Yes	395,036	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Stettler #6	Waverly Addition	Addition of Gym, etc.	-0-	1	4	H	.8500	.6588	500	945	No	264,591	Approval "In Principle"
	Waverly Modern.	Modernize 1954 and 1959 Sections (Inc. New Mech. transferred from B.Q.R.P.)	-0-	2	4	H	.8500	.8500	1942	440.1	No	617,502	Approval "In Principle"
County of Beaver #9	C. W. Sears Modern.	Create Computer room from part of Science Room	-0-	1	4	H	.8809	.9454	13	365.4	No	3,956	Approval "In Principle"
County of Wetaskiwin #10	Buck Lake Addition	Addition of Admin. Area	-0-	1	4	H	.8702	.8996	35	905	No	24,796	Approval "In Principle"
	Buck Lake Modern.	Complete 1940 Section	-0-	1	4	H	.8702	.8996	406	680	No	216,191	Approval "In Principle"
	Alder Flats Modern.	Complete 1948, functional conversions and washrooms in 1954 section	-0-	1	4	H	.8702	.8996	1140	365	No	325,736	Approval "In Principle"
	Clear Vista Modern.	Convert Ancillary to Staff and Work Room, Create 2 Special Education rooms and staff washrooms	-15	1	4	H	.8702	.8996	73	329	No	18,788	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Wetaskiwin #10	Winfield Modern.	Complete 1951/54 Sections	-0-	1	4	H	.8702	.8996	707	522	No	238,638	Approval "In Principle"
County of Smoky Lake #13	H.A. Kostash Addition	Physical Activity Room, 2 Station Ancillary, etc.	50	1	4	H	.8710	.5696	500	905	No	224,495	*Provide Spec. Ed. Room by Modern. Approval "In Principle"
	H.A. Kostash Modern.	Complete 1958 Section modernization, plus sidewalks, sitework, and 1975 floor covering in 1975 section transferred from B.Q.R.P.	-0-	1	4	H	.8710	.8500	1682	410.1	No	510,685	Approval "In Principle"
County of St. Paul #19	Heinsberg Addition	Home Ec., E.C.S. Admin. etc.	45	1	4	H	.9321	.9536	400	965	No	343,096	Approval "In Principle"
	Heinsberg Modern.	Complete 1949, 1956 & 1966 Sections	-0-	2	4	H	.9321	.9536	2265	391	No	786,190	Approval "In Principle"
	Mallaig Modern.	Home Ec., 1957 Section	-0-	3	4	H	.9321	.9536	113	381	No	38,249	Approval "In Principle"
	F.G. Miller Modern.	1961 - Classroom to Computer, 1967 - Stage to Music	+25	4	4	H	.9321	.9536	145	223	No	28,799	Approval "In Principle"
	Ashmont Secondary Modern.	1957 Section Classroom to Computer	-0-	6	4	H	.9321	.9536	72	208	No	13,244	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Strathcona #20	Clover Bar Addition	2 Ancillaries, etc.	50	1	4	M	.8682	.9249	300	845	Yes	203,560	Approval "In Principle"
	F.R. Haythorne Addition	Expand Library, Gym Storage, Admin., etc.	-0-	2	4	M	.8682	.9249	300	845	Yes	203,560	Approval "In Principle"
	Brentwood Addition	Admin. Offices, etc.	-0-	4	4	L	.8682	.9249	-0-	-0-	Yes	No Support	*Submit an application to modernize an existing classroom
County of Red Deer #23	River Glen Modern.	Expand Washrooms to create Change/Shower Rooms	-0-	1	4	H	.8853	.9553	60	758	Yes	38,480	Approval "In Principle"
County of Vermilion River #24	E.H. Walter Addition	2 Classrooms, Ancillary, Admin., etc.	75	1	4	L	.8909	.8953	400	965	Yes	307,882	*No support for Student Union Area Approval "In Principle"
County of Lethbridge #26	Kate Andrews High Addition	Lunchroom Extension, Phys. Ed. Office, etc.	-0-	1	4	L	.9216	.7889	95	905	No	62,508	Approval "In Full"
	Picture Butte High Modern.	Home Ec. (Millwork) (1956 Section)	-0-	2	4	H	.9216	.8500	113	172	No	15,243	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
County of Minburn #27	Queen Elizabeth Addition	Addition of Portable Gym	-0-	1	4	M	.8747	.6963	370	620	No	139,717	*Butler Type Bldg. - Portable Support Approval "In Principle"
	Queen Elizabeth Modern.	1953 - Convert Playroom to Library and Infirmary	-0-	2	4	M	.8747	.8500	157	406	No	47,398	Approval "In Principle"
	Vegreville Composite High Modern.	1966 - Library Modern. (In conjunction with new const. over courtyard area)	-0-	3	4	M	.8747	.8500	189	260	No	36,535	Approval "In Principle" Construction over courtyard transferred to New Const.
	Vegreville Comp. High Addition	Cover over courtyard area	-0-	3a	4	M	.8747	.8500	-0-	-0-	No	-0-	Must submit application
	Mannville Modern.	1954 - Gym Modern. and Expansion including roofing from B.Q.R.P.	-0-	4	4	M	.8747	.8500	504	186.5	No	69,886	Approval "In Principle"
	Mannville Addition	Gym Storage, Phys. Ed. Office., etc.	-0-	5	4	M	.8747	.6963	60	905	No	33,072	Approval "In Principle"
County of Lamont #30	Lamont Elem. Addition	8 CR's, ANC, P.E. Room, Corridor, Storage, & Circ.	225	1	4	H	.9042	.7635	1375	820	Yes	778,377	Approval "In Principle"

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
	Lamont Elem. Modern.	Complete 1954 Section and limited areas of 1976 Section	-25	2	4	H	.9042	.8500	1463	435	Yes	489,122	Approval In Principle"
	Mundare Modern.	Create 2 Bus. Ed. Rooms and Music/ ANC	-25	3	4	H	.9042	.8500	322	154	Yes	38,152	Approval "In Principle"
County of Parkland #31	Entwistle Modern.	Complete 1956 and south 1966 sections, 1958 Entrance and Mech. Room, and 1961 Library and Washrooms	-0-	1	4	M	.8566	.9693	700	496	No	288,281	Approval "In Principle"
	Tomahawk Modern.	Complete main floor areas of 1947 and 1954 sections and expand gym	-0-	2	4	H	.8566	.9693	900	386	No	288,447	Approval "In Principle"
	Elem. B./Drayton Valley/Addition	Library, Audio Visual, 2 Class-rooms, etc.	75	3	4	M	.8566	.9693	600	905	No	450,854	Approval "In Full"
	Move 1 Core Port. from Stony Plain to Duffield	Move Port. Washroom	-0-	4	4	L	.8566	.9693	-0-	-0-	No	4,000	Approval "In Full"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Taber Div. #6	Hays Modern.	Create Change/ Shower Room in 1953 Washroom	-0-	1	4	H	.9081	.8500	20	355	No	5,480	Approval "In Principle"
Rangeland Div. #9	Hanna Jr. High Modern.	Convert Playroom to Exercise Room	-0-	1	4	H	.8500	.8500	72	182	No	9,663	Approval "In Principle"
Peace River Div. #10	Lloyd Garrison Modern.	Complete 1956, 1960 Section and limited 1969 Section (incl. roofing from B.Q.R.P.)	-0-	2	4	H	.8809	.9200	1960	383	No	608,372	Approval "In Principle"
Rocky Mountain Div. #15	David Thompson Modern.	1961 - Expand Library into classroom and modernize home economics	-25	1	4	M	.8500	1.00	309	63	No	16,567	Approval "In Principle"
	Leslieville Addition	Gym Storage, Work Room, etc.	-0-	2	4	M	.8500	1.00	60	945	No	48,195	Approval "In Full"
	Condor Addition	Staff Room	-0-	3	4	M	.8500	1.00	25	945	No	20,081	Approval "In Principle"
	Condor Modern.	1955 - Staffroom to Office	-0-	3(a)	4	M	.8500	1.00	28	49	No	1,190	Approval "In Principle"
	Pioneer Addition	Gym Storage	-0-	4	4	L	.8500	1.00	30	945	No	24,098	Approval "In Full"
Wainwright Div. #32	Wainwright High Modern.	Acoustic treatment divider and mezzanine enclosure in gym, cafeteria	-0-	1	4	M	.8710	.8500	650	275	No	132,425	Approval "In Principle

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Foothills Div. #38	Spitzee Modern.	Complete 1912 Section and 1970 gym heating transferred from B.Q.R.P.	-0-	1	4	H	.8708	.8828	1567	489	No	589,059	Approval "In Principle"
	Blackie Modern.	Science Room in 1959 Section	-0-	2	4	H	.8708	.8828	154	150	No	17,758	Approval "In Principle"
Rocky View Div. #41	Original Kathyrn Modern.	1950 - Complete Section	-0-	1	4	H	.8500	1.00	489	622	No	258,655	Approval "In Principle"
	Main Kathyrn Modern.	Complete 1958, 1960 Sections and limited 1972, 1978 Sections and roofing transferred from B.Q.R.P.	-0-	2	4	H	.8500	1.00	2165	486.2	No	894,730	Approval "In Principle"
Fairview Div #50	Grace Shepherd Modern.	Complete 1955, 1957 and 1971 interior	-0-	1	4	H	.9075	.8500	1150	183	Yes	161,794	Approval "In Principle"
	Grace Shepherd Addition					Waiting for Submission							
Lac La Biche Div. #51	Dr. Swift Addition					Waiting for Submission							
	Dr. Swift Modern.	Convert 1963 gym to lib., lunch and CR's (New Mezzanine also) and limited modern. of 1962, 1963 and 1965 Sections and chalkboards transferred from B.Q.R.P.	+100	1	4	H	.9461	.8960	2000	500	?	847,705	Hold - Pending Submission of formal forms

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Fort Vermilion Div. #52	Rocky Lane Modern.	1962/68 Section	-0-	1	4	H	.9128	1.00	2350	510	No	1,093,991	Approval "In Principle"
	Rocky Lane Addition					Waiting for Submission							
	Buffalo Head Prairie Modern.	Science Room and Resource Room in 1965 Section	-0-	2	4	H	.9128	1.00	117	228	No	24,362	Approval "In Principle"
	High Level Modern.	Modernize Science Room and Create Music/Drama ANC	-0-	3	4	H	.9128	1.00	330	269	No	80,965	Approval "In Principle"
East Smoky Div. #54	Harry Gray Modern.	1957 - Interior and 1975 carpet from B.Q.R.P.	-0-	1	4	M	.8500	.9128	1098	522.7	No	445,297	Approval "In Principle"
	Harry Gray Addition	Mudroom	-0-	2	4	M	.8500	.9128	25	985	No	19,106	Approval "In Principle"
St. Albert Dist. #3	Vital Grandin Modern.	1958 - Science, Music and Staffroom	-0-	1	4	H	.9169	1.00	776	267	No	189,798	Approval "In Principle"
Edmonton Dist #7	Crestwood Modern.	1954 - Admin. Area	-0-	1	4	H	.8500	.8500	141	426	No	43,350	Approval "In Principle"
	D.S. MacKenzie Modern.	1968 - Classroom to Art Room	-0-	2	4	H	.8500	.8500	77	324	No	18,062	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton Dist. #7	Killarney Modern.	1967 - Home Ec.	-0-	3	4	H	.8500	.8500	221	36	No	5,780	Approval "In Principle"
	Strathcona Modern.	1953 - Fine Arts Stage	-0-	4	4	H	.8500	.8500	266	226	No	43,350	Approval "In Principle" See Note 3
	Harry Ainlay Modern.	1965 - Counselling suite and Medical Room	-0-	5	4	H	.8500	.8500	572	100	No	41,182	Approval "In Principle"
	Queen Elizabeth Modern.	1960 - 2 Business Education Classrooms	-0-	6	4	H	.8500	.8500	156	128	No	14,450	Approval "In Principle"
	Londonderry Modern.	1968 - 2 Science Classrooms	-0-	7	4	H	.8500	.8500	196	76	No	10,838	Approval "In Principle" See Note 2
	D.S. MacKenzie Modern.	1968 - Classroom to Science	-0-	8	4	H	.8500	.8500	77	648	No	36,125	Approval "In Principle
	Parkview Modern.	1955 - Expand and Modernize Home Ec.	-0-	9	4	H	.8500	.8500	188	426	No	57,800	Approval "In Principle"
	Westlawn Modern.	1968 - 2 Science Classrooms	-0-	10	4	H	.8500	.8500	196	76	No	10,838	Approval "In Principle" See Note 2
	Balwin Modern.	1969 - Classroom to Computer	-0-	11	4	H	.8500	.8500	78	153	No	8,670	Approval "In Principle"
	Laurier Heights Modern.	1960 - Science Prep. Room	-0-	12	4	H	.8500	.8500	15	533	No	5,780	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton Dist. #7	Strathcona Modern.	1953 - Classroom 202 to Computer Room	-0-	13	4	H	.8500	.8500	90	222	No	14,450	Approval "In Principle"
	Strathcona Modern.	1953 - Classroom 218 to Computer Room	-0-	14	4	H	.8500	.8500	72	279	No	14,450	Approval "In Principle"
	Harry Ainlay Modern.	1965 - Music Practice and Offices	-0-	15	4	H	.8500	.8500	50	100	No	3,613	Approval "In Principle"
	Harry Ainlay Modern.	1965 - Drama	-0-	16	4	H	.8500	.8500	542	46	No	18,063	Approval "In Principle" See Note 3
	Harry Ainlay Modern.	1965 - Classroom to Photography	-0-	17	4	H	.8500	.8500	200	70	No	10,115	Approval "In Principle"
	Jasper Place Modern.	1960 - Computer Room	-0-	18	4	H	.8500	.8500	109	183	No	14,450	Approval "In Principle"
	Harry Ainlay Modern.	1968 - 4 Biology Labs	-0-	19	4	H	.8500	.8500	381	210	No	57,800	Approval "In Principle" See Note 2
	Jasper Place Modern.	1969 - Computer Room	-0-	20	4	H	.8500	.8500	169	118	No	14,450	Approval "In Principle"
	Parkview Modern.	1955 - Fine Arts (Stage)	-0-	21	4	H	.8500	.8500	71	170	No	8,670	Approval "In Principle" See Note 3
	Laurier Heights Modern.	1960 - Classroom to Drama Room	-0-	22	4	H	.8500	.8500	67	297	No	14,450	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton Dist. #7	Eastglen Modern.	1953 - Expand and Modernize Cafeteria	-0-	23	4	H	.8500	.8500	268	258	No	49,853	Approval "In Principle" See Note 1
	W.P. Wagner Modern.	1969 - Classroom to Science Lab	-0-	24	4	H	.8500	.8500	71	921	No	46,963	Approval "In Principle"
	Eastglen Modern.	1953 - Fine Arts (Stage)	-0-	25	4	H	.8500	.8500	519	125	No	46,963	Approval "In Principle" See Note 3
	Old Scona Modern.	1907 - Students Lounge to Classroom	+25	26	4	H	.8500	.8500	79	101	No	5,780	Approval "In Principle"
	Thorncliff Modern.	1972 - Classroom to Kindergarten	-0-	27	4	H	.8500	.8500	84	120	No	7,225	Approval "In Principle"
	W.P. Wagner Modern.	1969 - Classroom to Computer Room	-0-	28	4	H	.8500	.8500	62	97	No	4,335	Approval "In Principle"
	Edith Rogers Modern.	1975 - 2 Seminar Rooms to Computer Centre	+25	29	4	H	.8500	.8500	52	343	No	13,000	Approval "In Principle"
	Inglewood Modern.	1956 - Classroom to Art Room	-0-	30	4	H	.8500	.8500	67	299	No	14,450	Approval "In Principle"
	Old Scona Modern.	1907 - Drama Area	-0-	31	4	H	.8500	.8500	228	53	No	8,670	Approval "In Principle" See Note 3
	Westmount Modern.	1913 - Storage to Washrooms	-0-	32	4	M	.8500	.8500	47	532	No	18,063	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton Dist. #7	W.P. Wagner Modern.	1969 - Merchandising Room	-0-	33	4	H	.8500	.8500	106	113	No	8,670	Approval "In Principle"
	Britannia Modern.	1956 - Classroom to Computer Room	-0-	34	4	H	.8500	.8500	71	169	No	8,670	Approval "In Principle"
	Eastglen Modern.	1957 - Classroom to Industrial Arts	-5	35	4	H	.8500	.8500	70	228	No	11,560	Approval "In Principle"
	Oliver Modern.	1910 - Classroom to Computer Room	-0-	36	4	H	.8500	.8500	88	114	No	7,225	Approval "In Principle"
	Strathearn Modern.	1951 - 1/2 Staff to Computer Room	-0-	37	4	H	.8500	.8500	55	182	No	7,225	Approval "In Principle"
	Donnan Modern.	1955 - Home Ec.	-0-	38	4	H	.8500	.8500	118	127	No	10,838	Approval "In Principle"
	High Park Modern.	1954 - Classroom to Art/Science	-0-	39	4	H	.8500	.8500	67	297	No	14,450	Approval "In Principle"
	Victoria Modern.	1949 - Auditorium	-0-	40	4	H	.8500	.8500	586	384	No	162,562	Approval "In Principle" See Note 3
	Holyrood Modern.	1955 - Staff Area to Washroom, Counselling and Special Education	+10	41	4	M	.8500	.8500	70	357	No	18,063	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton Dist. #7	Scott Robertson Modern.	1960 - Music Room	-0-	42	4	H	.8500	.8500	83	193	No	11,560	Approval "In Principle"
	Victoria Modern.	1962 - Bus. Ed. Classroom	-0-	43	4	H	.8500	.8500	224	45	No	7,225	Approval "In Principle"
	York Modern.	1966 - Classroom to Computer Room	-0-	44	4	H	.8500	.8500	92	130	No	11,560	Approval "In Principle"
	Alex Taylor Modern.	1912 - Music Room	-0-	45	4	H	.8500	.8500	75	214	No	11,560	Approval "In Principle"
	Highlands Modern.	1954 - Fine Arts Stage	-0-	46	4	H	.8500	.8500	345	35	No	8,670	Approval "In Principle" See Note 3
	Old Scona Modern.	1907 - Lang. Lab to Computer Room	-0-	47	4	H	.8500	.8500	79	127	No	7,225	Approval "In Principle"
	Oliver Modern.	1910 - Music Room	-0-	48	4	H	.8500	.8500	71	226	No	11,560	Approval "In Principle"
	Ross Sheppard Modern.	1962 - Home Ec. Room	-0-	49	4	H	.8500	.8500	116	78	No	6,503	Approval "In Principle"
	Ross Sheppard Modern.	1968 - Lang. Lab to Computer Room	-0-	50	4	H	.8500	.8500	79	277	No	15,895	Approval "In Principle"
	Victoria Modern.	1962 - Merchandising Lab	-0-	51	4	H	.8500	.8500	107	252	No	19,508	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Calgary Dist. #19	Western Canada Modern.	1928 - 2 Chem. Labs	-0-	2	4	H	.8500	.8530	192	451	No	55,553	Approval "In Principle" See Note 1
	Queen Elizabeth Jr./Sr. Modern.	1930 - Drama Room and Stage	-0-	4	4	H	.8500	.8530	233	978	No	150,883	Approval "In Principle" See Notes 1 & 3
	Ian Bazalgette Modern.	1960 - Classroom to Science Lab	-0-	5	4	H	.8500	.8530	132	429	No	40,956	Approval "In Principle"
	Dr. Gordon Higgins Modern.	1976 - Science Lab	-0-	6	4	H	.8500	.8530	320	122	No	24,724	Approval "In Principle" See Note 1
	To Be Announced 2 Schools	Library Modern.	-0-	7 & 8	4	H	.8500	.8530	?	?	No	77,290	Hold More Information Required See Note 1
	A.E. Cross Modern.	1964 - Art (Kiln) Room	-0-	9(a)	4	H	.8500	.8530	193	44	No	6,185	Approval "In Principle"
	Bob Edwards Modern.	1967 - Art (Kiln) Room	-0-	9(b)	4	H	.8500	.8530	91	94	No	6,185	Approval "In Principle"
	Branton Modern.	1956 - Art (Kiln) Room	-0-	9(c)	4	H	.8500	.8530	120	71	No	6,185	Approval "In Principle"
	Colonel Macleod Modern.	1956 - Art (Kiln) Room	-0-	9(d)	4	H	.8500	.8530	138	62	No	6,185	Approval "In Principle"
	Ian Bazalgette Modern.	1960 - Art (Kiln) Room	-0-	9(e)	4	H	.8500	.8530	136	63	No	6,185	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Calgary Dist. #19	Robert Warren Modern.	1974 - Art (Kiln) Room	-0-	9(f)	4	H	.8500	.8530	80	107	No	6,185	Approval "In Principle"
	Van Horne Modern.	1969 - Art (Kiln) Room	-0-	9(g)	4	H	.8500	.8530	143	60	No	6,185	Approval "In Principle"
	Woodman Modern.	1960 - Art (Kiln Room)	-0-	9(h)	4	H	.8500	.8530	114	75	No	6,185	Approval "In Principle"
	Jack James Modern.	Ventilated Paint Booth	-0-	10(a)	4	H	.8500	.8530	91	642	No	42,415	Approval "In Principle" See Note 1
	Dr. E.P. Scarlett Modern.	1970 - Drama	-0-	11	4	H	.8500	.8530	341	631	No	142,835	Approval "In Principle" See Notes 1 & 3
	Cambrian Heights Modern.	1957 - Lunchroom	-0-	12(a)	4	H	.8500	.8530	223	204	No	29,364	Approval "In Principle" See Note 1
	T.B.A. (One School)	Lunchroom Expansion	-0-	12(b)	4	H	.8500	.8530	?	?	No	163,966	Hold More Information Required See Note 1
	Stanley Jones Modern.	1913 - Lunchroom	-0-	12(c)	4	H	.8500	.8530	226	202	No	29,364	Approval "In Principle" See Note 1
	William Aberhart Modern.	1957 - Expand Cafeteria/Kitchen	-0-	12(d)	4	H	.8500	.8530	732	173	No	84,830	Approval "In Principle" See Note 1
	William Aberhart Modern.	Auto Shop	-0-	13	4	H	.8500	.8530	332	119	No	28,750	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Calgary Dist. #19	John Diefenbaker Addition	New Gym, etc.	-0-	14(a)	4	M	.8500	.8530	680	845	No	416,613	Approval "In Principle"
	John Diefenbaker Modern.	1971 - Guidance, Bus. Ed., Science and Staff	-0-	14(b)	4	M	.8500	.8530	?	?	No	626,124	Approval "In Principle" See Notes 1 & 2
	John Ware Modern.	1968 - Library	-0-	15	4	H	.8500	.8530	357	213	No	47,853	Approval "In Principle" See Note 1
	John Ware Modern.	1968 - Folding Partition between Drama and Music	-0-	16	4	H	.8500	.8530	114	206	No	16,966	Approval "In Principle"
	Harold W. Riley Modern.	1972 - Classroom, Partition of open area	-0-	17	4	H	.8500	.8530	?	?	No	NO SUPPORT	See Note 2
	Penbrook Meadows Modern.	1971 - Partition of open areas and Computer Room	-0-	18	4	H	.8500	.8530	?	?	No	12,398	Approval "In Principle" See Note 2
	Ernest Manning Modern.	1964 - Bus. Ed. Classrooms	-0-	19(a)	4	H	.8500	.8530	633	44	No	20,251	Approval "In Principle"
	Forest Lawn Modern.	1968 - Bus. Ed. Classrooms	-0-	19(b)	4	H	.8500	.8530	673	56	No	27,508	Approval "In Principle"
	Central Memorial Modern.	1968 - Bus. Ed. Classrooms	-0-	19(c)	4	H	.8500	.8530	559	32	No	12,993	Approval "In Principle"
	Western Canada Modern.	1928 - Bus. Ed. Classrooms	-0-	19(d)	4	H	.8500	.8530	707	32	No	16,625	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Calgary Dist. #19	John Diefenbaker Modern.	1971 - Bus. Ed. Classrooms	-0-	19(e)	4	H	.8500	.8530	577	48	No	-0-	See Local Priority *14(b)
	Dr. E.P. Scarlett Modern.	1970 - Bus. Ed. Classrooms	-0-	19(f)	4	H	.8500	.8530	930	19	No	12,993	Approval "In Principle"
	Sir Winston Churchill Modern.	1968 - Bus. Ed. Classrooms	-0-	19(g)	4	H	.8500	.8530	1177	15	No	13,000	Approval "In Principle"
Lethbridge Dist. #51	L.C.I. - Phase II & III Modern.	1949, 1968 and 1970 Sections Phases II & III	-0-	1	4	H	.8747	.9767	16,370	258.4	No	3,612,777	Approval "In Principle"
	L.C.I. Additions (Combined Projects)	Addition to Gym and Auto Body Shop	-0-	1	4	H	.8747	.9767	170	905	No	131,437	Approved "In Principle"
Medicine Hat Dist. #76	Crestwood Modern.	1969 - Computer Room	-0-	1	4	H	.8780	.9320	46	326	No	12,274	Approval "In Principle"
	Alexandra Jr. High Modern.	1971 - 2nd Floor	-0-	2	4	M	.8780	.9320	838	42	No	28,640	Approval "In Principle" See Note 2
	Vincent Massey Addition	Storage	-0-	3	4	M	.8780	.9320	40	915	No	29,950	Approval "In Full"
Red Deer Dist. #104	Lindsay Thurber Addition	Library Extention, etc.	-0-	5	4	M	.8818	.9730	150	905	No	116,472	Approval "In Principle"
	Lindsay Thurber Modern.	Library, Home Ec., Auto, Gym, and Change Rooms	-0-	6	4	M	.8818	.9730	743	283	No	180,178	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Leduc Dist. #297	East Elem. Modern.	1951, 1957 and 1958 Sections	-0-	1	4	H	.9197	.9986	2414	414	Yes	918,220	Approval "In Principle"
	Linsford Park Modern.	1960/62 Sections	-0-	2	4	H	.9197	.9986	2251	477	Yes	986,008	Approval "In Principle"
Brooks Dist. #2092	Brooks Primary Addition	Gym Addition	-0-	1	4	H	.9096	1.00	400	945	No	343,829	Approval "In Principle"
	Brooks Primary Modern.	Library	-0-	1	4	H	.9096	1.00	?	?	No	1,819	Approval "In Principle"
Lakeland Dist. #5460	Grande Centre Sr. High Modern.	Convert agora and one CR to Library	-0-	1	4	M	.8969	.8751	280	638	No	196,219	Approval "In Principle" New lib. area limited to agora & one CR. Existing lib. to be converted to Ancillary
Calgary RCSSD #1	St. Lukes Addition	Addition of Gym	-0-	2	4	M	.8595	.9628	370	845	No	258,726	Approval "In Principle"
	St. Lukes Modern.	1962 - Gym	-0-	3	4	M	.8595	.9628	316	424	No	110,889	Approval "In Principle"
	Holy Cross Modern.	1972 - Music ANC including acoustics transferred from B.Q.R.P.	-0-	6	4	H	.8595	.9628	166	422	No	57,927	Approval "In Principle"
	Bishop Grandin Modern.	1966 - Computer Rooms	-0-	7	4	H	.8595	.9628	282	408	No	95,166	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Calgary RCSSD #1	St. Francis Modern.	Computer Rooms	-0-	8	4	H	.8595	.9628	196	398	No	64,547	Approval "In Principle"
	Father Lacombe Modern.	1977 Computer Rooms	-0-	9	4	H	.8595	.9628	223	390	No	71,995	Approval "In Principle"
	Bishop Carrol Modern.	1970 Computer Rooms	-0-	10	4	H	.8595	.9628	181	398	No	59,582	Approval "In Principle"
	St. Mary Modern.	1969 Computer Rooms	-0-	11	4	H	.8595	.9628	251	394	No	81,925	Approval "In Principle"
	St. Francis Modern.	1959 Drama Theatre	-0-	12	4	H	.8595	.9628	395	506	No	165,505	Approval "In Principle" See Note 3
	St. Francis Modern.	1965 Art ANC.	-0-	13	4	H	.8595	.9628	212	292	No	51,307	Approval "In Principle"
	St. Bede Portable Connecting Corridor	Portable Connnecting Corridor	-0-	14	4	L	.8595	.9628	12	575	No	5,710	Approval "In Full"
Edmonton RCSSD #7	St. Clement Addition	3 ANC's, E.C.S., Science and Prep., etc.	125	1	4	H	.8515	.7575	750	845	No	408,776	Approval "In Principle"
	St. Clement Modern.	Admin., Science, Art, Library and Stage	-0-	1(a)	4	H	.8515	.8500	651	276	No	130,135	Approval "In Principle"
	St. Joseph Modern.	1962 Computer Labs	-0-	2, 3, 4 and 5	4	H	.8515	.8500	567	189	No	77,528	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton RCSSD #7	Archbishop O'Leary Modern.	1965 Computer Labs	-0-	6 and 7	4	H	.8515	.8500	196	190	No	23,016	Approval "In Principle"
	St. Francis Xavier Modern.	1963 Computer Labs	-0-	8	4	H	.8515	.8500	288	66	No	13,752	Approval "In Principle"
	Austin O'Brien Modern.	1968 Computer Labs	-0-	9	4	H	.8515	.8500	112	139	No	11,182	Approval "In Principle"
	St. Edmund School Modern.	1956 Computer Labs	-0-	10	4	H	.8515	.8500	86	178	No	11,146	Approval "In Principle"
	Cardinal Leger Modern.	1973 Computer Labs	-0-	11	4	H	.8515	.8500	70	159	No	8,106	Approval "In Principle"
	Holy Family Modern.	1981 Computer Labs	-0-	12	4	H	.8515	.8500	70	185	No	9,337	Approval "In Principle"
	Holy Cross Modern.	1963 Computer Labs	-0-	13	4	H	.8515	.8500	70	188	No	9,481	Approval "In Principle"
	H. E. Beriault Modern.	1971 Computer Labs	-0-	14	4	H	.8515	.8500	93	144	No	9,699	Approval "In Principle"
	St. Francis of Assisi Modern.	1963 Computer Labs	-0-	15	4	H	.8515	.8500	60	214	No	9,337	Approval "In Principle"
	St. Alphonsus Modern.	1955 Computer Labs	-0-	16	4	H	.8515	.8500	84	172	No	10,495	Approval "In Principle"
	St. James Modern.	1956 Computer Labs	-0-	17	4	H	.8515	.8500	89	151	No	9,699	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton RCSSD #7	St. Gabriel Modern.	1967 Computer Lab	-0-	18	4	H	.8515	.8500	111	116	No	9,337	Approval "In Principle"
	St. Brenda Modern.	1962 Computer Labs	-0-	19	4	H	.8515	.8500	86	155	No	9,699	Approval "In Principle"
	St. Nicholas Modern.	1959 Computer Labs	-0-	20	4	H	.8515	.8500	44	305	No	9,699	Approval "In Principle"
	St. Pius X Modern.	1956 Computer Lab	-0-	21	4	H	.8515	.8500	92	139	No	9,337	Approval "In Principle"
	Father Leo Green Modern.	1971 Science Room	-0-	22	4	H	.8515	.8500	94	19	No	1,274	Approval "In Principle"
	St. Edmund Modern.	1966 Science Room	-0-	23	4	H	.8515	.8500	99	40	No	2,881	Approval "In Principle"
	St. Mark Modern.	1958 Music Room	-0-	24	4	H	.8515	.8500	140	164	No	16,531	Approval "In Principle"
	St. Francis Xavier Modern.	1968 Home Ec.	-0-	25	4	H	.8515	.8500	228	34	No	5,642	Approval "In Principle"
	J. H. Picard Modern.	Office and Admin.	-0-	26	4	H	.8515	.8500	147	113	No	12,062	Approval "In Principle"
	St. Justin Portable Modern.	Modernize Portable (62) #1	-0-	27	4	H	.8515	.8500	93	231	No	15,561	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Edmonton RCSSD #7	St. Justin Portable Modern.	Modernize Portable (62) #21	-0-	28	4	H	.8515	.8500	93	231	No	15,561	Approval "In Principle"
	St. Justin Portable Modern.	Modernize Portable (62) #20	-0-	29	4	H	.8515	.8500	93	231	No	15,561	Approval "In Principle"
	Father Leo Green Portable Modern.	Modernize Portable (68) #70	-0-	30	4	H	.8515	.8500	93	231	No	15,561	Approval "In Principle"
	Father Leo Green Portable Modern.	Modernize Portable (68) #71	-0-	31	4	H	.8515	.8500	93	231	No	15,561	Approval "In Principle"
	Father Leo Green Portable Modern.	Modernize Portable (64) #19	-0-	32	4	H	.8515	.8500	93	231	No	15,561	Approval "In Principle"
	Father Leo Green Portable Modern.	Modernize Portable (63) #12	-0-	33	4	H	.8515	.8500	93	231	No	15,561	Approval "In Principle"
	St. Philips Addition	Gym Expansion, Gym Storage, Washrooms, etc.	-0-	34(a)	4	H	.8515	.7575	375	845	No	204,388	Approval "In Full"
	St. Philips Portable Connecting Corridor	Portable Connecting Corridor	-0-	34(b)	4	H	.8515	.7575	25	575	No	9,272	Approval "In Full"
	St. Pius X Modern.	1956 Lunchroom	-0-	40	4	H	.8515	.8500	202	64	No	9,337	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Grande Prairie RCSSD #28	St. Gerard's Addition	?	?	1	4	L	.8903	.9787	?	?	?	HOLD	More Information Required
	St. Gerard's Modern.	1963 Complete Interior/Exterior, Site	-0-	2	4	L	.8903	.9787	1613	449	?	630,830	Approval "In Principle" site work approved subject to review and inspection
	Holy Cross Modern.	1953/56 Complete Interior/Exterior, Structural Upgrading and Limited Site Work	-0-	3	4	H	.8903	.9787	2365	546	?	1,125,148	Approval "In Principle" Site work and major structural upgrading subject to review and inspection
Wainwright RCSSD #31	Blessed Sacrament Addition	Lib. Extension, etc.	-0-	1	4	H	.9256	.9246	140	965	Yes	115,620	Approval "In Principle"
	Blessed Sacrament Modern.	1955/57 Lib./ANC Room	-0-	2	4	H	.9256	.9246	108	428	Yes	39,428	Approval "In Principle"
Ft. McMurray RCSSD #32	Father Mercredi Modern.	Computer Lab	-0-	1	4	H	.8500	1.00	70	49	Yes	2,890	Approval "In Principle"
	Father Beauregard Modern.	Computer Lab	-0-	2	4	H	.8500	1.00	41	59	Yes	2,057	Approval "In Principle"
	St. John Modern.	Computer Lab	-0-	3	4	H	.8500	1.00	87	40	Yes	2,933	Approval "In Principle"

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 4

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Lakeland RCSSD #150	Notre Dame Elem. Modern.	Heating Furnaces	-0-	1	4	H	.9205	.9085	N/A	N/A	No	19,402	Approval "In Principle"
Lloydminster RCS Division	Father Gorman Addition	3 CR's, ANC, etc.	100	1	4	H	.8817	.9191	721	965	Yes	259,924 (Alta. Share 46.1%)	HOLD Until Sask. B - 1 Approval
	Father Gorman Modern.	1977 Convert Staff/Admin. to Library	-0-	1	4	H	.8817	.9191	273	641	Yes	65,400 (Alta. Share 46.1%)	"

Total Recommended for Approval:	New Construction	$ 5,810,172
	Modernization	$23,277,206
	TOTAL:	**$29,087,378**
On Hold:	New Construction	$ 259,924
	Modernization	$ 1,154,361
	TOTAL:	**$ 1,414,285**
	GRAND TOTAL:	**$30,501,663**

Note 1 - **Furniture and equipment** is not supported under the current Capital Plan.

Note 2 - **The partitioning of areas originally designed** as open space is not supported under the current Capital Plan.

Note 3 - **Although furniture and equipment** is not typically supported under the current Capital Plan, support for drama lighting systems is provided, limited to a standard lighting system and a dimmer control panel.

1986 CAPITAL BUDGET SUMMARY PROVINCIAL PRIORITY NO. 7

Jurisdiction	Name of Project (Location)	Description	Capacity Change +/-	Local Board Priority	Prov. Priority	Need Rating	E	U	A	S	5-Year Financial Plan	Estimated Government Support	Recomm. Comments
Calgary Dist. #19	**James Fowler 4 Core Portables**	4 Core Portables	100	20(b)	7	L	.8500	.8530	400	575	No	166,762	Under Review
Edmonton RCSSD #7	**Lago Lindo Starter**	4 Portables, Circ., etc.	75	37	7	L	.8515	.7575	400	575	No	148,353	Under Review
	La Perle 6 x 6 Core	6 x 6 Core	225	38	7	L	.8515	.7575	2370	780	No	1,192,368	Under Review
	Yellowbird 6 x 6 Core	6 x 6 Core	225	39	7	L	.8515	.7575	2370	780	No	1,192,368	Under Review
Ft. McMurray RCSSD #32	**Timberlea 6 x 6 Core**	6 x 6 Core	225	1	7	L	.8500	1.00	2140	930	Yes	1,691,670	Under Review
										TOTAL:		$ 4,391,521	

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

*Tender/Scheme [illegible]
**Approved Outstanding Project
***Final Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1979	1980	1981	1982	1983	1984	1985	1986	Interest Rate	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	% SUPPORT
[illegible] #9 * [illegible] Jr/Sr Hi Renov.						19,000-July				19,000	*** 7,203	11,797	37.9105
Rocky Mountain #15 * Caroline School Renov											*** 3,486		
Sturgeon #24 * Redwater Jr/Sr Hi Add'n	Pro-rated by Debenture Requested	1,141,450 / 3,600,000 =	31.7069				482,016-Sept			482,016	837,899		
Starland #30 * Morrin School Renov											*** 28,892		
Starland #30 * Delia School Renov											*** 3,637		
Wainwright #32 * Irma School Add'n (Stonewall)	Together with Wainwright Renovation	Pro-rated by Deb. Requested 119,800 / 129,800 =	92.2958%			59,992-July	58,356-Oct			118,348	14,033		
Wainwright #32 * Irma School Add'n (S[illegible])											87,146		
Wainwright #32 * Wainwright Hi School Renov.	Pro-rated by 10,000 / 129,800 =	Debenture Requested: 7.7042%				5,008-July	3,892-Oct			8,900	*** 3,856	5,044	43.3258
Westlock #37 * R.F. Staples Sr Hi Add'n						1,000,000-Feb 650,000-Oct	127,700-Mar			1,777,700	1,[illegible]		
Rockyview #41 * Airdrie (Bert Church) Hi School				3,600,000-Dec	2,250,000-Apr	900,000-Aug				6,750,000	4,005,458		
Rockyview #41 * [illegible] Sr Hi Core School						1,445,000-Oct	1,000,000-Apr			2,445,000	2,261,446		
Lac La Biche #51 * Plamondon 2 F.S. Portables						23,000-Apr	29,000-Jan			52,000	60,189	(Short Term Loan) 8,189	
Ft Vermilion #52 * Buffalo Head Prairie Renov				(Tendered with Add'n - 1982 Approval)							*** 58,550		
East Smoky #54 * Hillside Add'n (Music)						125,000-Sept	60,000-Mar 60,107-Aug			245,107	247,716		
East Smoky #54 * Sunset House Core Port						62,137-Mar				62,137	56,436		
Three Hills #60 * Dr Elliott Add'n						250,000-Mar	250,000-Aug			500,000	240,842		
Three Hills #60 * Dr Elliott Renov											*** 27,970		
Three Hills #60 * [illegible]-Torrington Add'n				Included In 1981 Projects							9,835		

BEST COPY AVAILABLE

*Tender/Scheme Approved
**Approved Outstanding Project
***Final Statement of Eligible Cost

Divisions 1983 Projects (Cont.)

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1979	1980	1981	1982	1983	1984	1985	1986	Interest Rate	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	% SUPPORT
Northland #61 * Fort Chipewyan El-Jr-Sr High						3,279,884-Aug	1,000,000-Mar 1,487,369-Sept 1,153,451-Dec			6,920,703	3,278,000		
Northland #61 * Paddle Prairie Add'n						756,900-June	850,000-Mar 268,100-Sept			1,875,000	842,765		
Northland #61 * Paddle Prairie Renov.											33,006		
Northland #61 * Janvier School (IA & Home Ec)							1,523,000-May 1,279,750-Dec			2,802,750	1,505,350		
Lloydminster Div * Lloydminster Comp Hi Renov				(Short Term Loan)							26,134		
Lloydminster Div * Burr Colony 4CR Add'n						155,000-Dec				155,000	172,936		
Total *	0	0	0	3,602,000	2,250,000	8,730,920	9,632,741			24,213,661	15,620,870		
Total **											0		

BEST COPY AVAILABLE

DIVISIONS 1984 PROJECTS

*Tender/Scheme Approved
*Approved Outstanding Project
**Final Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	SUPPOR
Berry Creek Div 1 * Homestead Coulee Addn	30,000-Oct	15,427-Apr								45,427	45,427		
Cardston Div 2 * Eastridge Elem School		1,495,000-Ju								1,495,000	2,568,213		
Cypress Div #9 * Seven Persons Addn	115,000-Nov	10,438-Feb								125,438	125,438		
Acadia Div #8 * Oyen School Addn		155,000-May 45,000-Oct								200,000	183,003		
Acadia Div #8 * Oyen 2 Core Portables		30,000-May								30,000	37,949		
Acadia Div #8 * Oyen Modernization		245,000-May 105,000-Oct								350,000	377,834		
Acadia Div #8 ** Warren Peers Addn											12,644		
Acadia Div #8 ** Warren Peers Modern.											451,159		
Rangeland Div #9 ** Hanna Elem Mod.											21,038		
Peace River Div #10 * Peace River Indust Bldg	83,750-Nov	83,750-Dec								167,500	154,738		
Peace River Div 10 * Manning Elem Modern											14,854		
Rocky Mountain Div 15 * Condor School Addn	83,000 Oct	41,493-July								124,493	40,241		
Rocky Mountain Div #15 * David Thompson Addn (Storage)											34,868		
David Thompson Addn (Office) *											12,566		

BEST COPY AVAILABLE

DIVISIONS 1984 PROJECTS (Co. 1)

** nder/Scheme Approved
* pproved Outstanding Project
nal Statement of Eligible Cost

PROJECT NAME	YEAR DEBENTURE ISSUED AND AMOUNT 1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	% SUPPOR
Sturgeon S. Div #24 * Ochre Park 2 Core Ports		59,964 - Sept						Pro-rated by Debenture Required 143,000/3,600,000 = 3.9444%		59,964	89,661		
Sturgeon S Div #24 * Redwater Jr/Sr Hi Modern.		716,173 - Sept						[illegible] by Debenture Required 1,695,950/[illegible] =	47.1097%	716,173	1,203,004		
Sturgeon Div #24 ** [illegible]											[illegible]		
Willow Creek Div #28 * [illegible] Davis Modernization	484,352 - Nov	242,176 - Oct								726,528	684,170		
Pincher Creek Div #29 * Hutterite Colony Con. [illegible]											24,443		
Wainwright Div #32 * Denwood/Lolo Plater Addn		460,000 - Sep 300,000 - Oct								760,000	655,499		
Wainwright Div #32 * Denwood Modernization		80,000 - Jan 465,000 - Oct								545,000	807,237		
Wainwright Div #32 * Irma Modernization		430,000 - July 220,000 - Oct								650,000	555,295		
Westlock Div #37 * Fawcett Modernization		185,000 - Mar								62[illegible],000	156,243		
Westlock Div #37 * Fawcett [illegible]											405,598		
Foothills Div #38 ** Longview Modernization											12,221		
Foothills Div #38 ** Cayley Modernization											12,956		
Foothills Div #38 ** Spitzee Addn											20[illegible],178		
[illegible] *		335,000 - July								[illegible]	[illegible]		

BEST COPY AVAILABLE

DIVISIONS 1984 PROJECTS (Cont'd)

ender/Scheme Approved
proved Outstanding Project
inal Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	SUPPORTED DEBENTURE	SUPPOR
Foothills Div #38 ** Turner Valley Add'n											427,046		
Rocky View Div #41 * Airdrie East 10X8 Core		1,622,000-Nov								1,622,000	2,756,662		
Rocky View Div #41 ** Cochrane HS 4 Core Ports											175,000		
Rocky View Div #41 * Crossfield Modernization	275,000 Sept	306,867-July								581,867	*** 504,565		
Spirit River Div #47 * Eaglesham Modern.		550,000-Feb 512,329-Oct					Pro-rated-1983 B2RP Invoiced Pro-rated by Modern'n	Contract Amts from Tender. 75.3425%		1,062,329	839,349		
Spirit River Div #47 * Wanham Addition Wanham Modern. *		23,310-Oct					Pro-rated By-Law #57 - Add'ns by giving each project 1/3 of Debenture Draw Wanham -	33.3%		23,310	11,777 542,152		
Spirit River Div #47 * Savanna Modern Savanna Add'n *		23,310-Oct					Savanna Add'n	33.3%		23,310	404,718 52,557		
Ft. Vermilion Div #52 * Rainbow Lake Add'n		801,957-Sept						Pro-rated by Debenture Amount 2,045,000 / 5,825,000 =	35.1073%	801,957	550,418		
Ft Vermilion Div #52 * Rainbow Lake Modern											493,118		
Ft. Vermilion Div #52 * Rainbow Lake Port. Corridor											25,376		
Ft. Vermilion Div #52 * Fort Vermilion Add'n		1,486,043-Sept						Pro-rated by Debt 3,780,000 / 5,825,000 =	64.8927	1,486,043	798,134		
Ft Vermilion Div #52 * Fort Vermilion Modern.											1,013,416		
East Smoky Div #54 * Harry Gray Elem Add'n	300,000 Dec	65,000-June 121,600-Aug								486,600	173,511		

BEST COPY AVAILABLE

DIVISIONS 1984 Projects (Con'd)

*Tender/Scheme Approved
**Approved Outstanding Project
***Final Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME		1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	SUPPOR
East Smoky #54 Hillside Modern	*	600,000-Dec	35,000-Apr 207,006-Oct								842,006	*** 860,650		
East Smoky #54 Hillside Add'n	*	65,000 Dec	40,000-Apr 30,213-Sept								135,218	110,705		
Northland #61 Peerless Lake Add'n	*		220,525-Sept								220,525	168,442		
Northland #61 Peerless Lake Modern	*											10,087		
Northland #61 Gift Lake Modern	*											541,716		
Northland #61 Gift Lake Add'n	*											230,589		
Lloydminster Div Lloydminster Comp Hi Add'n	*											1,051,457		
Lloydminster Div Lloydminster Comp Hi Modern	*											134,067		
Winston Churchill [illegible] Port	*											37,130		
Total:	*	2,036,102	12,166,596								14,202,688	20,729,726		
Total:	**											1,129,473		

BEST COPY AVAILABLE

DIVISIONS 1985 Projects

ders/Scheme Approved
pproved Outstanding Project
Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	SUPPO
Cardston S Div #2 ** Hillspring Min. Core School											1,321,2[illegible]7		
Cardston S. Div #6 ** Glenhill School Add'n											908,371		
Cypress S. Div. #4 * Irvine School Add'n											38,335		
Rangeland Div #9 ** Hanna Jr. Hi. Modern											2[illegible],359		
Peace River Div. #10 * Kennedy 2 Core Ports		105,000 - Nov								105,000	111,839		
Yellowhead S. Div #12 * Wildwood Add'n		945,000 - Sept								945,000	581,396		
Yellowhead Div #12 * Wildwood Modern.											418,073		
Yellowhead Div #12 * Niton Add'n		1,040,000 - Sept								1,040,000	603,984		
Yellowhead Div #12 * Niton Modern.											904,226		
Willow Creek Div #28 ** H T Coutts Core School											2,533,798		
Pincher Creek Div #29 ** Livingstone Modern											39,736		
Starland Div #30 ** Delia Modern.											4,136		
Wainwright Div. #32 ** Lola Mabey Modern											573,300		
Westlock Div. #37 **													

BEST COPY AVAILABLE

DIVISIONS 1985 Projects (Con'd)

**Tender/Scheme Approved
*Approved Outstanding Project
*Final Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	% SUPPOR
Westlock Div #37 **													
Westlock Div. #37 **													
Westlock Div #37 **													
Foothills Div #38 * Blackie Modern.											392,059		
Foothills Div #38 ** Turner Valley Modern											71,183		
Rockyview Div #41 * Cochrane Hi Add'n		1,637,000-DR								1,637,000	1,465,230		
Rockyview Div #41 * Cochrane Hi Modern											1,149,156		
Rockyview Div #41 * Dr WJ Collett Add'n											19,838		
Rockyview Div #41 ** Kathryn Port Modern											16,569		
Rockyview Div. #41 ** Dr Collett Port Modern											33,137		
Spirit River Div. #47 ** Rycroft Add'n											278,517		
Spirit River Div #47 ** Rycroft Modern											526,111		
Spirit River Div #47 ** Bonanza Modern											224,335		

BEST COPY AVAILABLE

DIVISIONS 1985 Projects (Con'd)

* Tender/Scheme Approved
Approved Outstanding Project
Final Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	SUPPORTED DEBENTURE	SUPPOR
Spirit River Div #47 *- Bonanza Addn		23,350 - Oct						Pro-rated with 85 Addns 33.47% Deb Draw			162,845		
Spirit River Div #47 *- Blueberry Creek Modern											264,053		
Spirit River Div. #47 *- Spirit River Elem Modern											477,109		
High Prairie Div #48 * G.P. Vanier Addn		598,000 - NOV								598,000	297,076		
High Prairie Div #48 * G.P. Vanier Modern											680,145		
High Prairie Div #48 * Kinuso Addn		927,000 - NOV								927,000	530,957		
High Prairie Div #48 * Kinuso Modern											1,008,183		
Fairview S. Div #50 * Fairview High Modern											88,140		
Ft Vermilion Div #52 *- La Crete High Addition											91,736		
Ft Vermilion Div #52 *- La Crete 8X8 Core School											2,562,538		
East Smoky #54 * Fox Creek Addn		425,000 - Dec								425,000	206,589		
East Smoky Div #54 * Fox Creek 5 Core Portbl											245,463		

BEST COPY AVAILABLE

DIVISIONS 1985 Projects (Con'd).

*Tender/Scheme Approved
**Approved Outstanding Project
*Final Statement of Eligible Cost

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	SUPP
East Smoky Div #54 * Fox Creek Modern.		Inc Above								Inc Above	235,043		
Three Hills Div #60 ** Acme School modern ** Carbon School Modern											11,254 8,081		
Northland Div #61 ** J.F. Dion Add'n											434,699		
Northland Div #61 ** JF Dion Modern											503,273		
Northland Div #61 ** Calling Lake Add'n											673,293		
Northland Div #61 ** Calling Lake Modern											190,458		
Northland Div #61 ** St Theresa Add'n											435,395		
Northland Div. #61 ** St Theresa Modern											509,276		
Crowsnest Pass Div #63 ** Consolidated Hi Add'n											43,836		
Mount Rundle #64 * Canmore 2 Core Ports											102,105		
Mount Rundle #64 ** Canmore 2 Core Ports											100,572		
Lloydminster Div * Winston Churchill Core Port.											27,356		

BEST COPY AVAILABLE

*Tender/Scheme Approved
**Approved Outstanding Project
***Final Statement of Eligible Cost

DIVISIONS 1985 Projects (Con'd)

YEAR DEBENTURE ISSUED AND AMOUNT

PROJECT NAME	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL DEBENTURE	GOV'T. SUPPORT	UNSUPPORTED DEBENTURE	% SUPPOR
Total: *	0	5,700,380								5,700,380	1,105,193		
Total: **											13,027,387		

BEST COPY AVAILABLE

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

Alberta MEMORANDUM

EDUCATION

FROM	Clarence Osinchuk Administrative Officer School Buildings Services	OUR FILE REFERENCE	
		YOUR FILE REFERENCE	
TO	John Kulba Director School Buildings Services	DATE	November 6, 1985
		TELEPHONE	Stn. #43

SUBJECT **Capital Budget Summary (Updated to November 1, 1985)**

A - Provincial Summary of Estimated Government Support (1979 Regulations and 1984 Regulations)
  a) Projects Tender/Scheme Approved Priority Year.
  b) Projects Outstanding (Approved) by Priority Year.

B - Summary of Debentures Issued 1975 to 1984.

C - Table I - Estimated Government Support 1978 to 1979 Regulations.

D - Table II - Debentures Issued by year for period January 1, 1979 to November 15, 1985 (from Business Administrative Services).

E - Table III - Debentures Issued by Year to Projects approved under 1978 and 1979 Regulations.

F - Table IV - Debentures Issued to Projects as they were approved by Priority Year. 1978 and 1979 Regulations.

G - Summary - Financing Projects January 1, 1979 to November 15, 1985 (1978 and 1979 Regulations combined).

H - Table V - Debentures Issued by Year to Projects approved under 1984 Regulations.

I - Table VI - Debentures Issued to Projects as they were approved by Priority Year - 1984 Regulations.

J - Summary - Financing Projects - January 1, 1984 to November 15, 1985 - 1984 Regulations.

K - Summary - 1985 Debenture Issue Breakdown (1978, 1979 and 1984 Regulations).

Clarence Osinchuk

Clarence Osinchuk
Administrative Officer

CO/nm
Att'd.

PROVINCIAL SUMMARY - 1979 REGULATIONS

Projects Tender/Scheme Approved and Outstanding Approvals as listed by Priority Year

Final and/or Estimated Government Support

	DIVISIONS	COUNTIES	DISTRICTS	R.C.S.S.D.	SPECIALS	PROVINC TOTAL
1979 Tender/Scheme	4,395,056	26,772,172	11,335,269	17,560,413	4,388,425	64,451,3
1979 Outstanding Approvals	-0-	-0-	-0-	-0-	-0-	-0-
1980 nder/Scheme	9,329,354	18,537,647	21,389,134	20,442,525	335,618	70,034,2
1980 Outstanding Approvals	-0-	-0-	-0-	-0-	-0-	-0-
1981 ender/Scheme	23,459,754	8,139,241	43,062,152	34,363,444	569,964	109,594,5
1981 Outstanding Approvals	-0-	-0-	-0-	-0-	-0-	-0-
1982 Tender/Scheme	39,232,394	14,446,133	32,295,701	28,270,501	3,799,666	118,044,3
1982 Outstanding Approvals	-0-	200,600	-0-	-0-	-0-	200,6
1983 nder/Scheme	15,620,870	10,377,122	49,669,343	13,988,016	-0-	89,655,3
1983 Outstanding Approvals	-0-	2,082,098	215,169	-0-	8,706,280	11,003,5

Nov. 1, 1985

Gov't. Support - 1979-1983 Tender/Scheme Approved -	$ 451,779,914
Gov't. Support - 1979-1983 Outstanding Approvals -	$ 11,204,147
TOTAL:	$ 462,984,061

PROVINCIAL SUMMARY - 1984 REGULATIONS

Projects Tender/Scheme Approved and Outstanding Approvals as listed by Priority Year

Final and/or Estimated Government Support

	DIVISIONS	COUNTIES	DISTRICTS	R.C.S.S.D.	SPECIALS	PROVINCI TOTAL
1984 Tender/Scheme	20,729,726	17,291,975	16,952,433	7,189,660	4,290,827	66,454,62
1984 Outstanding Approvals	1,429,473	1,875,883	8,263,346	2,079,974	-0-	13,648,67
1985 Tender/Scheme	9,017,053	5,608,211	11,388,953	7,795,983	-0-	33,810,20
1985 Outstanding Approvals	13,115,427	7,534,822	17,722,588	15,985,824	40,138	54,398,79
1986 Tender/Scheme	-0-	345,023	-0-	-0-	-0-	345,02
1986 Outstanding Approvals	7,882,626	18,929,241	13,792,893	9,622,035	-0-	50,226,79
1987 Tender/Scheme						
1987 Outstanding Approvals						
1988 Tender/Scheme						
1988 Outstanding Approvals						

Nov. 1, 1985

Gov't. Support - 1984-1988 Tender/Scheme Approved -	$	100,609,844
Gov't. Support - 1984-1988 Outstanding Approvals -	$	118,274,270
TOTAL:	$	218,884,114

SUMMARY OF DEBENTURES ISSUED

FROM 1975 TO 1984

DATE OF ISSUE	PRINCIPAL AMOUNT	SUPPORTED AMOUNT	UNSUPPORTED AMOUNT
1975	22,887,043	17,189,065 75.10 %	5,697,978 24.90 %
1976	43,012,631	34,112,833 79.31 %	8,899,798 20.69 %
1977	44,540,963	29,178,640 65.51 %	15,362,323 34.49 %
1978	28,583,626	20,199,344 70.67 %	8,384,282 29.33 %
1979	49,569,005	37,115,131 74.88 %	12,453,874 25.12 %
1980	81,972,130	71,837,669 87.64 %	10,134,461 12.36 %
1981	144,997,549	107,076,274 73.85 %	37,921,275 26.15 %
1982	176,671,008	128,644,616 72.82 %	48,026,392 27.18 %
1983	176,884,057	114,239,019 64.58 %	62,645,038 35.42 %
1984	118,193,481	71,722,979 60.68 %	46,470,502 39.32 %
	887,311,493	631,315,570 71.15 %	255,995,923 28.85 %

Table I

Estimated Government Support 1978 and 1979 Regulations - November 1, 1985

	1978 Regulation Tender/Scheme Approvals	1979 Regulations Tender/Scheme Approvals	Combined Total Tender/Scheme Approvals	1979 Regulations Outstanding Approvals
1979	$ 17 019 959	$ 64 451 335	$ 81 471 294	-0-
1980	$ 29 061 709	$ 70 034 278	$ 99 095 987	-0-
1981	$ 628 315	$ 109 594 555	$ 110 222 870	-0-
1982		$ 118 044 395	$ 118 044 395	$ 200 600
1983		$ 89 655 351	$ 89 655 351	$ 11 003 547
	$ 46 709 983	$ 451 779 914	$ 498 489 897	$ 11 204 147

Table II

Debentures Issued January 1, 1979 to November 15, 1985

(Field Services)

	Total
1979	$ 49 569 005
1980	$ 83 897 130
1981	$145 162 928
1982	$179 281 612
1983	$174 750 651
1984	$118 293 481
1985 (Up to November 15)	$113 981 216
	$864 936 023

Table III

Debentures Issued by Year, on Projects Tender/Scheme Approved

January 1, 1979 to November 15, 1985 - 1978 and 1979 Regulations

Year	1978 Regulations	1979 Regulations	Combined Total
1979	$ 13 566 349	$ 14 540 000	$ 28 106 349
1980	$ 23 290 366	$ 55 955 358	$ 79 245 724
1981	$ 16 502 568	$117 083 798	$133 586 366
1982	$ 9 097 334	$138 211 745	$147 309 079
1983	$ 7 584 711	$138 945 241	$146 529 952
1984	$ 1 445 547	$ 93 592 110	$ 95 037 657
1985	-0-	$ 46 121 590	$ 46 121 590
	$ 71 486 875	$604 449 842	$675 936 717

Table IV

Debentures Issued in Relation to Capital Budget Priority Year,

Tender/Scheme Approved January 1, 1979 to November 15, 1985 - 1978 and 1979 Regulations

Year	1978 Regulation Debentures Issued	Gov't. Support	Percent Supported Overall Average	1979 Regulations Debentures Issued	Gov't. Support	Percent Supported Overall Average
1979	$24 162 830	$ 17 019 959	70.4386	$ 93 027 882	$ 64 451 335	69.2817
1980	$46 502 152	$ 29 061 709	62.4954	$ 97 128 612	$ 70 034 278	72.1047
1981	$ 821 893	$ 628 315	76.4473	$ 149 382 921	$109 594 555	73.3648
1982				$ 151 016 052	$118 044 395	78.1668
1983				$ 113 894 375	$ 89 655 351	78.7180
	$71 486 875	$ 46 709 983	65.3406	$ 604 449 842	$451 779 914	74.7423

SUMMARY

Financing Capital Projects - January 1, 1979 to November 15, 1985

1978 and 1979 Regulations Combined

	Gov't. Support Projects Tendered	Debentures Issued Projects Tendered	Total Debenture Issued (Field Services)	Projects Approved But Not Tendered
1979	$ 81 471 294	$ 117 190 712	$ 49 569 005	-0-
1980	$ 99 095 987	$ 143 630 764	$ 83 897 130	-0-
1981	$ 110 222 870	$ 150 204 814	$ 145 162 928	-0-
1982	$ 118 044 395	$ 151 016 052	$ 179 281 612	$ 200 600
1983	$ 89 655 351	$ 113 894 375	$ 174 750 651	$ 11 003 547
	$ 498 489 897	$ 675 936 717	$ 632 661 326	$ 11 204 147

TABLE V

Debentures Issued by Year, on Projects Tender/Scheme Approved

January 1, 1984 to November 15, 1985 - 1984 Regulations

Year	1984 Regulations
1984	$ 5 478 061
1985	$ 52 591 881
	$ 58 069 942

TABLE VI

Debentures Issued in Relation to Capital Budget Priority Year

Tender/Scheme Approved January 1, 1984 to November 15, 1985 - 1984 Regulations

	1984 Regulations Debentures Issued	Government Support	Percent Supported Overall Average
1984	$47 707 898	$66 454 621	-0-
1985	$10 315 184	$33 810 200	-0-
1986	$ 46 860	$ 345 023	-0-
	$58 069 942	$100 609 844	-0-

SUMMARY

Financing Capital Projects - January 1, 1984 to November 15, 1985

1984 Regulations

	Gov't. Support Projects Tendered	Debentures Issued Projects Tendered	Total Debenture Issued (Field Services)	Projects Approved But Not Tendered
1984	$ 66 454 621	$ 47 707 898	$ 118 293 481	$ 13 648 676
1985	$ 33 810 200	$ 10 315 184	$ 113 981 216	$ 54 398 799
1986	$ 345 023	$ 46 860	-0-	$ 50 226 795
	$ 100 609 844	$ 58 069 942	$ 232 274 697	$118 274 270

1985 Debenture Issue Summary

Financing Projects 1978 and 1979 Regulations -	$ 46 121 590
Financing BQRP/Modernization Projects (1979 Regulations) -	$ 2 976 933
Financing Projects 1984 Regulations -	$ 52 591 881
Financing B.Q.R.P. Projects (1984 Regulations) -	$ 10 420 078
Total -	$112 110 482
Business Admin. Services Total -	$113 981 216
Balance (Teacherages, Sewage Disposal, Administration Buildings, Lagoons, etc. -	$ 1 870 734

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

EDISP145-01 13 NOV 85 CAPITAL PLAN REPORT PAGE 94

JURIS. NAME: EDMONTON RCSS DIST 80007
JURIS. CODE: 4020
JURIS. STATUS: ACTIVE

H = Historic, completed ([illegible] registered in [illegible])
I = In progress
P = Proposed.

School buildings board
as assigned to a school

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	
86	1	04360	01046A	P	ST GABRIEL MOD (67-COMP LAB)	*
		04361	01035A	P	ST BRENDAN MOD(62-COMP LABS)	*
		04362	01067A	P	ST NICHOLAS MOD (59-COMP LAB)	*
		04363	01073A	P	ST PIUS X MOD (56-COMP LAB)	*
		04364	01008A	P	FATHER LEO GREEN MOD (71-SCI)	*
		04365	01042A	P	ST EDMUND MOD (66-SCI)	*
		04366	01061A	P	ST MARK MOD (58-MUSIC RM)	*
		04367	01045A	P	ST FRANCIS XAVIER MOD (68-HOM)	*
		04368	01012A	P	JH PICARD MOD (OFFICE&ADMIN)	*
		04369	01056A	P	ST JUSTIN PORT MOD (62-81)	*
		04370	01056A	P	ST JUSTIN PORT MOD (62-821)	*
		04371	01056A	P	ST JUSTIN PORT MOD (62-820)	*
		04372	01008A	P	FATHER LEO GREEN MOD (68-870)	*
		04373	01008A	P	FATHER LEO GREEN MOD (68-871)	*
		04374	01008A	P	FATHER LEO GREEN MOD (64-819)	*
		04375	01008A	P	FATHER LEO GREEN MOD (63-812)	*
		04376	01073A	P	ST PIUS X MOD (56-LUNCH RM)	*
		04377	01072A	P	ST PHILLIPS ADDITION	*
		04378	54158C	P	ST PHILLIPS PORT COMM CORR	*

Result – decision to [illegible] the [illegible], 1986 was the [illegible] year, [illegible] that [illegible] the only [illegible] of the capital plan.

Note that the [illegible] minute [illegible] & [illegible] plant ID number for the first project in a school, [illegible] the [illegible] minute [illegible] different to the plant ID no.

Elaine to check that [illegible] info is available.

A = [illegible] & High Schools
B = Core Schools
C = Portables, both Core & Freestanding } each entry is treated as a single school or entity.

New capital [illegible] 1981-88

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

EDISP1 . 06 SEPT 84 CAPITAL PLAN REPORT PAGE 52

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST 80007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	GROSS AREA	APPROVED AREA	CAP	FINAL COST	GOV'T SUPP.
T-84-12-13	84	1	01969	01002A	P	ARCHBISHOP O'LEARY ADD'N(ELEV) *	39.09	39.09	0	79,687	40,678
D.L.-85-10-24			02023	53981C	P	ST CHARLES CORE PORTABLE *	206.03	200	50		73,814
↓			02023	53982C	P	ST CHARLES CORE PORTABLE *	↓	↓	↓		↓
T-84-12-13			02176	01037A	P	ST CATHERINE MODERNIZATION *	97.36	97.4	0	15,399	11,789
T-84-12-13			02177	01046A	P	ST GABRIEL MODERNIZATION *	229.81	217	+30	32,297	21,654
T-84-12-13			02178	01062A	P	ST MARTIN MODERNIZATION *	110.78	84.0	0	26,681	13,223
T-84-12-13			02179	01051A	P	ST JAMES MODERNIZATION *	14.98	14.98	0	3,266.	2,235
T-84-08-02			02180	01055A	P	ST JOSEPH AUTO BODY MODERN. *	684.46	686	+30		137,[illegible] **
T-84-12-13			02181	01055A	P	ST JOSEPH BEAUTY CULTURE MOD *	167.0	167	-30		26,862 **
D.L-84-12-13			02182	01055A	P	ST JOSEPH MODERN (BUS EDTO COM *	111.5	111.5	0	7,151	5,325
D.L-84-12-13			02183	01002A	P	ARCHBISHOP O'LEARY MODERN [illegible] *	111.5	111	0	7,151	7,378
DL-84-12-13			02184	01003A	P	AUSTIN O'BRIEN MODERNIZATION *	111.5	111	0	7,151	7,619
DL-84-12-13			02185	01045A	P	ST FRANCIS XAVIER MODERN *	105	105	0	7,151	7,586
DL-84-12-13			02186	01015A	P	LOUIS ST. LAURENT MODERN *	112.4	112	0	7,151	7,527
DL-84-12-13			02187	01001A	P	ARCHBISHOP MACDONALD MOD (COMP *	78.0	78.0	0	7,151	6,734
DL-84-12-13			02188	01063A	P	ST MARY MODERN (UPG CR TO COMP *	104.1	104.1	0	7,151	6,641
T-84-12-13			02189	01038A	P	ST CECILIA MODERNIZATION *	80	80	0	3,264	4,971
T-84-12-13			02190	01082A	P	SIR JOHN THOMPSON MODERN *	79	79	0	3,264	5,047
T-84-12-13			02191	01072A	P	ST PHILIP MODERNIZATION *	93	93	0	3,264	4,703
T-84-12-13			02192	01004B	P	BISHOP SAVARYN MODERNIZATION *	70	70	0	3,264	5,074
T-84-08-02			02193	01055A	P	ST JOSEPH MODERNIZATION (GYM) *	951.78	952.	0	183,437	112,712

[illegible] support can include building [illegible] equipment, although it can include some vocational equipment, [illegible] [illegible] [illegible] support – [illegible]

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

** Min # 02405-R-Voc Ed Equip
Beauty Culture - $41,350

[illegible] to St. [illegible] correspondence [illegible] [illegible]

EDISP145-01 07 DEC 84 CAPITAL PLAN REPORT PAGE 75

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	GROSS AREA	APPROVED AREA	CAP	FINAL COST	GOV'T SUPP
D.L-84-12-13	84	1	02194	01008A	P	FATHER LEO GREEN MODERN. *	164.2	164.2	0	50,229	17,700
D.L-84-12-13			02195	01060B	P	ST MARIA GORETTI MODERN. *	152.3	152.3	0	37,670	16,545
D.L-84-12-13			02196	01016A	P	MOUNT CARMEL MODERNIZATION *	67.4	67.4	0	6,810	3,444
D.L-84-12-13			02197	01003A	P	AUSTIN O'BRIEN MOD (STAGE ETC) *	93.0	93	0	79,864	7,893
DL-84-12-13			02198	01075A	P	ST ROSE MODERNIZATION *	155.6	156	-25	9,668	9,862
T-84-12-13			02199	53012C	P	ST SOPHIA ADDITION (GMS) *	18.0	18.0	0	16,565	10,191
AF-85-06-14	85	1	03095	01003A	P	AUSTIN OBRIEN MOD (2CR TO SUIT *		1300	-30		92,431
AF-85-06-07			03096	01029A	P	ST BASIL MODERN (HANDICAPPED) *		1400	0		47,509
AF-85-06-07			03097	01061A	P	ST MARK MODERN (HANDICAPPED) *		445	0		6,896
AF-85-06-07			03098	01079A	P	ST THOMAS MOORE MOD (HANDICAP) *		1200	0		47,040
AF-85-06-07			03099	01055A	P	ST JOSEPH MODERN (HANDICAPPED) *		643	0		8,890
AF-85-06-07			03100	01002A	P	ARCHBISHOP O'LEARY MOD (HANDIC *		300	0		6,564
AF-85-06-14			03101	01080A	P	ST VINCENT MODERN (CR TO COMP) *		79	0		6,709
AF-85-05-24			03102	01057A	P	ST KEVIN MODERN (SCI TO COMP) *		84	0		1,603
AF-85-05-24			03103	01034A	P	ST BONIFACE MODERN (CR TO COMP *		69.75	0		6,584
AF-85-05-24			03104	01013A	P	JJ BOWLEN MODERN (CR TO COMP) *		78	0		6,826
AF-85-06-14			03105	01029A	P	ST BASIL MODERN (CR TO COMP) *		92	0		6,639
AF-85-06-14			03106	01006B	P	ELIZABETH SETON MOD (CR TO COM *		70	0		6,384
AF-85-05-24			03107	01040B	P	ST CLEMENT MODERN (CR TO COMP) *		69.75	0		6,719
AF-85-06-14			03108	01055A	P	ST JOSEPH MODERN (CR TO COMP) *		84	0		7.312
AF-85-05-24			03109	01015A	P	LOUIS ST LAURENT MOD (CR TO CO *		112.9	0		9,015

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	GROSS AREA	APPROVED AREA	CAP	FINAL COST	GOV'T SUPP
AF-85-05-24	85	1	03110	01002A	P	ARCHBISHOP OLEARY MOD (CR-COMP *		83.6	0		9,216
AF-85-05-24			03111	01045A	P	ST FRANCIS XAVIER MOD (CR-COMP *		121	0		8,589
A.F-85-05-24			03112	01003A	P	AUSTIN OBRIEN MOD (CR TO COMP) *		112	0		9,064
AF-85-05-24			03113	01001A	P	ARCHBISHOP MACDONALD MOD (CR-C *		74	0		9,117
NO APPROVAL			03114	01034A	P	ST BONIFACE MOD (CLOSE IN) *		NO SUPPORT			
AF-85-06-07			03115	01002A	P	ARCHBISHOP OLEARY MOD (FOOD-SE *		113.7	0		44,119
AF-85-06-07			03116	01002A	P	ARCHBISHOP OLEARY MOD (MARKET) *		35.8	0		7,478
AF-85-05-24			03117	01045A	P	ST FRANCIS PORT MOD (MUSIC) *		198.88	0		10,253
AF-85-05-24			03118	01003A	P	AUSTIN OBRIEN MODERN (MUSIC) *		128	0		19,328
AF-85-05-24			03119	01079A	P	ST THOMAS MOORE PORT MOD (MUS) *		100.37	0		16,708
AF-85-06-07			03120	01024A	P	ST ALPHONSUS MOD (EQUIP STOR) *		25	0		3,609
AF-85-05-24			03121	01040B	P	ST CLEMENT MOD (CAPEL TO ANC'S *		90	125		8,598
AF-85-06-07			03122	53012C	P	ST SOPHIA PORT MODERN #68 *		86	0		14,291
AF-85-06-07			03123	53013C	P	ST SOPHIA PORT MODERN #69 *		86	0		14,291
AF-85-05-24			03124	01027B	P	ST ANNE PORT MODERN (#74) *		86	0		14,316
AF-85-05-24			03125	01027B	P	ST ANNE PORT MODERN (#65) *		86	0		14,316
AF-85-06-14			03126	01050B	P	ST HILDA PORT MODERN (#49) *		86	0		14,291
AF-85-06-14			03127	01064A	P	ST MATTHEW MOD (HANDICAPPED) *		1235	0		49,246
AF-85-06-14			03128	01038A	P	ST CECILIA MOD (HANDICAPPED) *		1210	0		48,324
AF-85-06-14			03129	01050B	P	ST HILDA MODERN (HANDICAPPED) *		330	0		5,889
AF-85-05-24			03130	01072A	P	ST PHILIP PORT MODERN (#35) *		81.76	0		13,611

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	GROSS AREA	APPROVED AREA	CAP	FINAL COST	GOV'T SUPP
AF-85-05-24	85	1	03131	01072A	P	ST PHILIP PORT MODERN (#31) *		81.76	0		13,611
AF 85-05-24			03132	01072A	P	ST PHILIP PORT MODERN (#39) *		81.76	0		13,611
AF-85-05-24			03133	01072A	P	ST PHILIP PORT MODERN (#72) *		81.76	0		13,611
AF-85-06-14			03134	01040B	P	ST CLEMENT PORT MODERN (#29) *		98	0		14,291
AF 85-06-14			03135	01040B	P	ST CLEMENT PORT MODERN (#24) *		98	0		14,291
AF-85-09-13	86	1	04177	54147C	P	ST. MARIA GORETTI CORE PORT *		210	50		77,885
↓			04177	54148C	P	ST. MARIA GORETTI CORE PORT *		↓	↓		↓
P-85-09-13			04346	01040B	P	ST CLEMENT ADDITION *		750	125		408,776
P-85-09-13			04347	01040B	P	ST CLEMENT MODERN *		651	0		130,135
P-85-09-13			04348	01055A	P	ST JOSEPH MODERN (62-COMP LAB) *		567	0		77,528
P-85-09-13			04349	01002A	P	ARCHBISHOP O'LEARY MOD (65-COM *		196	0		23,016
P-85-09-13			04350	01044A	P	ST FRANCIS MOD (63-COMP LABS) *		288	0		13,752
P-85-09-13			04351	01003A	P	AUSTIN O'BRIEN MOD (68-COMP) *		112	0		11,182
P-85-09-13			04352	01042A	P	ST EDMOND MOD (56-COMP LAB) *		86	0		11,146
P-85-09-13			04353	01071A	P	CARDINAL LEGER MOD (73-COMP) *		70	0		8,106
P-85-09-13			04354	01646B	P	HOLY FAMILY MOD (81-COMP LABS) *		70	0		9,337
P-85-09-13			04355	01011A	P	HOLY CROSS MOD (63-COMP LABS) *		70	0		9,481
P-85-09-13			04356	01010A	P	HE BERIAULT MOD (71-COMP LABS) *		93	0		9,699
P-85-09-13			04357	01044A	P	ST FRANCIS OF ASSISI MOD (63) *		60	0		9,337
P-85-09-13			04358	01024A	P	ST ALPHONSUS MOD (55-COMP LABS *		84	0		10,495
P-85-09-13			04359	01051A	P	ST JAMES MOD (56-COMP LAB) *		89	0		9,699

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #00007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME		GROSS AREA	APPROVED AREA	CAP	FINAL COST	GOV'T SUPP
P-85-09-13	86	1	04360	01046A	P	ST GABRIEL MOD (67-COMP LAB)	*		111	0		9,337
P-85-09-13			04361	01035A	P	ST BRENDAN MOD(62-COMP LABS)	*		86	0		9,699
P-85-09-13			04362	01067A	P	ST NICHOLAS MOD (59-COMP LAB)	*		44	0		9,699
P-85-09-13			04363	01073A	P	ST PIUS X MOD (56-COMP LAB)	*		92	0		9,337
P-85-09-13			04364	01008A	P	FATHER LEO GREEN MOD (71-SCI)	*		94	0		1,274
P-85-09-13			04365	01042A	P	ST EDMUND MOD (66-SCI)	*		99	0		2,331
P-85-09-13			04366	01061A	P	ST MARK MOD (58-MUSIC RM)	*		140	0		16,531
P-85-09-13			04367	01045A	P	ST FRANCIS XAVIER MOD (68-HOM)	*		228	0		5,642
P-85-09-13			04368	01012A	P	JH PICARD MOD (OFFICE&ADMIN)	*		147	0		12,062
P-85-09-13			04369	01056A	P	ST JUSTIN PORT MOD (62-#1)	*		93	0		15,561
P-85-09-13			04370	01056A	P	ST JUSTIN PORT MOD (62-#21)	*		93	0		15,561
P-85-09-13			04371	01056A	P	ST JUSTIN PORT MOD (62-#20)	*		93	0		15,561
P-85-09-13			04372	01008A	P	FATHER LEO GREEN MOD (68-#70)	*		93	0		15,561
P-85-09-13			04373	01008A	P	FATHER LEO GREEN MOD (68-#71)	*		93	0		15,561
P-85-09-13			04374	01008A	P	FATHER LEO GREEN MOD (64-#19)	*		93	0		15,561
P-85-09-13			04375	01008A	P	FATHER LEO GREEN MOD (63-#12)	*		93	0		15,561
P-85-09-13			04376	01073A	P	ST PIUS X MOD (56-LUNCH RM)	*		202	0		9,337
AF-85-09-13			04377	01072A	P	ST PHILLIPS ADDITION	*		375	0		204,388
AF-85-09-13			04378	54150C	P	ST PHILLIPS PORT CONN CORR	*		25	0		9,272

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

SUMMARY

1984	Gross Area Tendered m²	Approved Tendered m²	Approved Outstanding m²	Capacity		Government Support		Debentures Issued	Debentures Requested	Final Cost	
				Tend.	Out.	Tendered	Outstanding				
New onstruction	263.12	257.09		50		124,710				96,252.	
odernization	3949.57	3905.78		-05		450,481.		600,000	1,015,000	508,434	
Combined Total	4,212.69	4162.87		45		575,191					

1985											
New onstruction											
odernization			10,837.79		-05		671,690.				
Combined Total											

1986											
New onstruction			1,360		175		700,321				
odernization			4,330		0		527,639				
Combined Total			5,690		175		1,227,960				

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	M2	CAP		LOCAL COST	GOV'T SUPP	
T-79-09-24	79	1	14427	01384B	H	ST BONAVENTURE 6X8 CORE SCHOOL	2559.95	250		268,287	1,250,936	***
T-79-10-24			14427	01386B	T	ST LUCY 4X4 CORE SCHOOL	1700	150		300,640	809,200	***
T-79-11-05			14427	01387B	H	ST THERESA 4X4 CORE SCHOOL	1696.24	175		248,891	879,500	***
T-80-03-10			14427	01388B	H	ST RICHARD 4X4 CORE SCHOOL	1859.62	175		201,133	964,213	***
T-79-10-09			14427	01389B	H	JOHN PAUL I 4X6 CORE SCHOOL	1920	175		394,210	913,920	***
T-80-01-11			14427	01391B	H	ST TIMOTHY 4X4 MINI CORE SCH	1000	50		222,431	686,807	***
T-80-01-11			14427	01392B	H	ANN FITZGERALD 4X4 MINI CORE	1000	50		214,142	686,807	***
T-80-01-02			14427	01393B	H	ST MARTHA 6X6 CORE SCHOOL	2238.33	225		249,360	1,212,424	***
D.L.-79-04-24			14427	53004C	H	ELIZABETH SETON CORE PORTABLE	395	100		29,906	87,633	***
↓			14427	53005C	H	ELIZABETH SETON CORE PORTABLE	↓	↓		↓	↓	
↓			14427	53006C	H	ELIZABETH SETON CORE PORTABLE	↓	↓		↓	↓	
↓			14427	53007C	H	ELIZABETH SETON CORE PORTABLE	↓	↓		↓	↓	
D.L.-79-04-24			14427	53008C	H	ST CLEMENT CORE PORTABLE	395	100		17,161	96,367	***
↓			14427	53009C	H	ST CLEMENT CORE PORTABLE	↓	↓		↓	↓	
↓			14427	53010C	H	ST CLEMENT CORE PORTABLE	↓	↓		↓	↓	
↓			14427	53011C	H	ST CLEMENT CORE PORTABLE	↓	↓		↓	↓	
T-79-07-19			14427	53012C	H	ST SOPHIA RELOCATABLE GYM	278.0	0		20,576	90,111	***
D.L. 80-01-02			14427	53013C	H	ST SOPHIA RELOCATABLE SCHOOL	633.17	100		30,467.	163,458	***
↓			14427	53014C	H	ST SOPHIA RELOCATABLE SCHOOL	↓	↓		↓	↓	
↓			14427	53015C	H	ST SOPHIA RELOCATABLE SCHOOL	↓	↓		↓	↓	
↓			14427	53016C	H	ST SOPHIA RELOCATABLE SCHOOL	↓	↓		↓	↓	

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

*** Final Statement of Eligible Costs

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	M^2	CAP		LOCAL COST	GOV'T SUPP	
	79	1	14427	53017C	H	ST SOPHIA RELOCATABLE SCHOOL						
↓			14427	53018C	H	ST SOPHIA RELOCATABLE SCHOOL	↓	↓		↓	↓	
D.L.-80-01-02			14427	53025C	H	JOHN PAUL I CORE PORTABLE	590	150		24,839	169,276	***
			14427	53026C	H	JOHN PAUL I CORE PORTABLE						
			14427	53027C	H	JOHN PAUL I CORE PORTABLE						
			14427	53028C	H	JOHN PAUL I CORE PORTABLE						
			14427	53029C	H	JOHN PAUL I CORE PORTABLE						
↓			14427	53030C	H	JOHN PAUL I CORE PORTABLE	↓	↓		↓	↓	
T-80-01-11			14427	53031C	H	TREATED AS PERMANENT ST TIMOTHY CORE PORTABLE	393	100		"INC IN	MINI CORE"	***
			14427	53032C	H	ST TIMOTHY CORE PORTABLE						
			14427	53033C	H	ST TIMOTHY CORE PORTABLE						
↓			14427	53034C	H	ST TIMOTHY CORE PORTABLE	↓	↓		↓	↓	
T-80-01-11			14427	53035C	H	TREATED AS PERMANENT ANN FITZGERALD CORE PORTABLE	393	100		"INC IN	MINI CORE"	***
			14427	53036C	H	ANN FITZGERALD CORE PORTABLE						
			14427	53037C	H	ANN FITZGERALD CORE PORTABLE						
↓			14427	53038C	H	ANN FITZGERALD CORE PORTABLE	↓	↓		↓	↓	
D.L.-80-02-18			14427	53039C	H	BISHOP SAVARYN CORE PORTABLE	391	100		21,719	107,564	***
			14427	53040C	H	BISHOP SAVARYN CORE PORTABLE						
			14427	53041C	H	BISHOP SAVARYN CORE PORTABLE						
↓			14427	53042C	H	BISHOP SAVARYN CORE PORTABLE	↓	↓		↓	↓	
D.L-80-03-03			14427	53043C	H	ST CLEMENT CORE PORTABLE	393.07	100		15,799	113,484	***
↓							↓	↓		↓	↓	

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

*** Final Statement of Eligible Costs

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	M2	CAP		LOCAL COST	GOV'T SUPP.	
	79	1	14427	53044C	H	ST CLEMENT CORE PORTABLE						
			14427	53045C	H	ST CLEMENT CORE PORTABLE						
↓			14427	53046C	H	ST CLEMENT CORE PORTABLE	↓	↓		↓	↓	
D.L.- 81-01-16		2	15356	53047C	C	ANN FITZGERALD CORE PORTABLE	392.61	100		10,049.	93,683	***
			15356	53048C	C	ANN FITZGERALD CORE PORTABLE						
↓			15356	53049C	C	ANN FITZGERALD CORE PORTABLE						
			15356	53050C	C	ANN FITZGERALD CORE PORTABLE	↓	↓		↓	↓	
D.L.- 80-09-04			15356	53051C	C	ST RICHARD CORE PORTABLE	392.61	100		8,319	136,130	***
			15356	53052C	C	ST RICHARD CORE PORTABLE						
			15356	53053C	C	ST RICHARD CORE PORTABLE						
↓			15356	53054C	C	ST RICHARD CORE PORTABLE	↓	↓		↓	↓	
D.L- 81-01-16			15356	53055C	C	ST ELIZABETH CORE PORTABLE	590	150		11,210	193,017	***
			15356	53056C	C	ST ELIZABETH CORE PORTABLE						
			15356	53057C	C	ST ELIZABETH CORE PORTABLE						
			15356	53058C	C	ST ELIZABETH CORE PORTABLE						
			15356	53059C	C	ST ELIZABETH CORE PORTABLE						
↓			15356	53060C	C	ST ELIZABETH CORE PORTABLE	↓	↓		↓	↓	
D.L.-81-01-16			15356	53061C	C	ST LUCY CORE PORTABLE	392.61	100		8,693	138,263	***
			15356	53062C	C	ST LUCY CORE PORTABLE						
			15356	53063C	C	ST LUCY CORE PORTABLE						
↓			15356	53064C	C	ST LUCY CORE FORTABLE	↓	↓		↓	↓	

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

*** Final Statement of Eligible Costs

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	M²	CAP		LOCAL COST	GOV'T SUPP	
D.L-80-09-04	79	2	15621	01391B	H	ST TIMOTHY CORRIDOR	60	0		1,942	18,648	***
T-80-10-14			15621	01646B	H	HOLY FAMILY 8X8 CORE SCH	3330	340		400,315	1,876,284	***
D.L-81-05-22		3	00290	01008A	H	FATHER LEO GREEN CONN CORR	111.02	0		5,627	31,879	***
D.L-81-05-22			00290	01384B	H	ST BONAVENTURE CONNECTING CORR	60	0		16,936	24,735	***
T- 81-06-12			00290	53065C	C	ST MARTHA CORE PORTABLE	393.6	100		11,190	152,620	***
↓			00290	53066C	C	ST MARTHA CORE PORTABLE	↓	↓		↓	↓	
↓			00290	53067C	C	ST MARTHA CORE PORTABLE	↓	↓		↓	↓	
			00290	53068C	C	ST MARTHA CORE PORTABLE	↓	↓		↓	↓	
D.L-81-07-03			00290	53069C	C	ST TERESA CORE PORTABLE	393.6	100		11,018	151,663	***
↓			00290	53070C	C	ST TERESA CORE PORTABLE	↓	↓		↓	↓	
↓			00290	53071C	C	ST TERESA CORE PORTABLE	↓	↓		↓	↓	
			00290	53072C	C	ST TERESA CORE PORTABLE	↓	↓		↓	↓	
D.L-81-05-22			00290	53073C	C	ST TIMOTHY CORE PORTABLE	400	100		39,219	114,916	***
↓			00290	53074C	C	ST TIMOTHY CORE PORTABLE	↓	↓		↓	↓	
↓			00290	53075C	C	ST TIMOTHY CORE PORTABLE	↓	↓		↓	↓	
↓			00290	53076C	C	ST TIMOTHY CORE PORTABLE	↓	↓		↓	↓	
D.L-81-05-22			00290	53077C	C	ST SOPHIA CORE PORTABLE	400	100		32,578	131,906	***
↓			00290	53078C	C	ST SOPHIA CORE PORTABLE	↓	↓		↓	↓	
↓			00290	53079C	C	ST SOPHIA CORE PORTABLE	↓	↓		↓	↓	
			00290	53080C	C	ST SOPHIA CORE PORTABLE	↓	↓		↓	↓	
D.L- 81-11-25 ↓			00290	53081C	I	BISHOP SAVARYN CORE PORTABLE	400 ↓	100 ↓		14,822 ↓	122,774 ↓	***

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

*** Final Statement of Eligible Costs

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	M2	CAP		LOCAL COST	GOV'T SUPP	
	79	3	00290	53082C	I	BISHOP SAVARYN CORE PORTABLE						
↓			00290	53083C	I	BISHOP SAVARYN CORE PORTABLE						
			00290	53084C	I	BISHOP SAVARYN CORE PORTABLE	↓	↓				
D.L-81-11-25			00290	53085C	T	BISHOP SAVARYN PORT WASHROOM	33	0		↓	↓	
T-81-06-12			00290	53086C	C	ELIZABETH SETON CORE PORT	456.19	100		8,110	149,350*	***
			00290	53087C	C	ELIZABETH SETON CORE PORT						
			00290	53088C	C	ELIZABETH SETON CORE PORT						
↓			00290	53089C	C	ELIZABETH SETON CORE PORT						
			00290	53090C	H	ELIZABETH SETON WSHRM&CORRIDOR	↓	↓		↓	↓	
T-82-07-12 T-83-04-07			01011	01737B	I	ECOLE FRERE ANTOINE 8X8 CORE	2369.6 708.46	225 100		181,257 69,999	1,564,277 496,142	***
T-82-03-22	82	1	00290	01696B	I	ST CHARLES(BATURYN) 4X4 CORE S	1700	150		251,346	945,770	***
DL-81-11-25			00290	53404C	I	ST MARTHA CORE PORTABLES	200	50		8,010	59,089	***
↓			00290	53405C	I	ST MARTHA CORE PORTABLES	↓	↓		↓	↓	
D.L-81-11-25			00290	53406C	I	ST BONAVENTURE CORE PORTABLES	400	100		9,516	122,414	***
			00290	53407C	I	ST BONAVENTURE CORE PORTABLES						
			00290	53408C	I	ST BONAVENTURE CORE PORTABLES						
↓			00290	53409C	I	ST BONAVENTURE CORE PORTABLES	↓	↓		↓	↓	
D.L-81-11-25			00290	53410C	T	ST LUCY CORE PORTABLES	200	50		7,760	58,205	***
↓			00290	53411C	I	ST LUCY CORE PORTABLES	↓	↓		↓	↓	
D.L.-81-11-25			00290	53412C	I	HOLY FAMILY CORE PORTABLE	400	100		10,744	128,197	***
↓			00290	53413C	I	HOLY FAMILY CORE PORTABLE	↓	↓		↓	↓	

* Min # 00078 - Fire Lane (Not Claimed) ($5,662)

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

*** Final Statement of Eligible Costs

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	M2	CAP		LOCAL COST	GOV'T SUPP	
	82	1	00290	53414C	I	HOLY FAMILY CORE PORTABLE						
↓			00290	53415C	I	HOLY FAMILY CORE PORTABLE	↓	↓		↓	↓	
D.L-82-03-26			00290	53634C	H	ST CHARLES(BATURYN) CORE PORTS	400	100		60,496	137,470	***
			00290	53635C	H	ST CHARLES(BATURYN) CORE PORTS						
			00290	53636C	H	ST CHARLES(BATURYN) CORE PORTS						
↓			00290	53637C	H	ST CHARLES(BATURYN) CORE PORTS	↓	↓		↓	↓	
T-82-06-04			00290	53638C	H	OUR LADY OF THE PRAIRIES C/POR	400	100		44,805	179,469	***
			00290	53639C	H	OUR LADY OF THE PRAIRIES C/POR						
			00290	53640C	H	OUR LADY OF THE PRAIRIES C/POR						
↓			00290	53641C	H	OUR LADY OF THE PRAIRIES C/POR	↓	↓		↓	↓	
T-82-06-04			00412	53747C	H	FRERE ANTOINE CORE PORTABLE	590	150		49,207	234,256	***
			00412	53748C	H	FRERE ANTOINE CORE PORTABLE						
			00412	53749C	H	FRERE ANTOINE CORE PORTABLE						
			00412	53750C	H	FRERE ANTOINE CORE PORTABLE						
			00412	53751C	H	FRERE ANTOINE CORE PORTABLE						
↓			00412	53752C	H	FRERE ANTOINE CORE PORTABLE	↓	↓		↓	↓	
D.L-82-07-16			00473	53776C	I	JH PICARD CORE PORT	206.58	50		12,251	57,978	***
↓			00473	53777C	I	JH PICARD CORE PORT	↓	↓		↓	↓	
D.L-82-07-16			00473	53778C	I	ST BENEDICT CORE PORT	188.08	50		13,355	59,004	***
↓			00473	53779C	I	ST BENEDICT CORE PORT	↓	↓		↓	↓	
T-82-10-22			00518	01699A	I	HOLY TRINITY CATHOLIC HIGH SCH	8591.6	845		1,358,930	5,878,780	***

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

*** Final Statement of Eligible Costs.

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST #0007	4020	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	M2	CAP		LOCAL COST	GOV'T SUPP	
T-84-06-18	83	1	01035	01391B	I	ST TIMOTHY SCHOOL ADD'N	428.32	25		93,037	205,284	
T-83-10-19			01035	01804B	I	MARY HANLEY CATH 8X8 CORE SCH	3088.83	325		259,721	2,057,619	
D.L-83-04-12			01035	53889C	C	HOLY FAMILY CORE PORT (LAST 4)	394.53	100		28,533	134,927	
↓			01035	53890C	C	HOLY FAMILY CORE PORT (LAST 4)	↓	↓		↓	↓	
			01035	53891C	C	HOLY FAMILY CORE PORT (LAST 4)						
			01035	53892C	C	HOLY FAMILY CORE PORT (LAST 4)						
T-83-09-02			01103	01803B	I	OUR LADY OF THE PRAIRIES 6X6	2356.66	225		250,890	1,624,339	***
T-85-06-06			03448	01392B	P	ANNE FITZGERALD SCHOOL ADD'N *	568.6	50*		140,843	304,821	
T-85-06-06			03496	01392B	P	ANNE FITZGERALD RENOVATION *	(138)	(-25)		(14,653)	(10,864)	

* Min. H 03655-R - Capacity revised to 50

*** - Final Statement of Eligible Costs

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

		M²	CAP	LOCAL COST	GOV'T SUPP.
Total-	1979-	17,835.38	2100	2,259,561	8,232,100
	1980-	5,157.83	710	440,528.	2,456,025
	1981-	5,725.47	725	390,756	2,940,262
	1982-	13,276.26	1745	1,826,420	7,860,632
	1983-	6,836.94 (139)	700 (-25)	773,514 (14,653)	4,326,990 (10,864)
GRAND TOTAL:		48,831.88 (138)	6360 (-25)	5,690,779. (14,653)	25,816,009 (10,864)

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Example of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST 00007	4020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
83	1	01035	01391B	I	ST TIMOTHY SCHOOL ADD'N
		01035	01804B	I	MARY HANLEY CATH 8X8 CORE SCH
		01035	53089C	H	HOLY FAMILY CORE PORT (LAST 4)
		01035	53090C	H	HOLY FAMILY CORE PORT (LAST 4)
		01035	53091C	H	HOLY FAMILY CORE PORT (LAST 4)
		01035	53092C	H	HOLY FAMILY CORE PORT (LAST 4)
		01103	01803B	I	OUR LADY OF THE PRAIRIES 6X6
		03440	01392B	I	ANNE FITZGERALD SCHOOL ADD'N
		03496	01398B	I	ANNE FITZGERALD RENOVATION

Based on old regs, the capital plan for a school board could extend 3 years. This means that the initial year was 1983 and that these plans were requested in year 1.

Old Capital Regs.
1979-83

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST 00007	4020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
82	1	00290	53414C	H	HOLY FAMILY CORE PORTABLE
		00290	53415C	H	HOLY FAMILY CORE PORTABLE
		00290	53634C	H	ST CHARLES(BATURYN) CORE PORTS
		00290	53635C	H	ST CHARLES(BATURYN) CORE PORTS
		00290	53636C	H	ST CHARLES(BATURYN) CORE PORTS
		00290	53637C	H	ST CHARLES(BATURYH) CORE PORTS
		00290	53638C	H	OUR LADY OF THE PRAIRIES C/POR
		00290	53639C	H	OUR LADY OF THE PRAIRIES C/PUR
		00290	53640C	H	OUR LADY OF THE PRAIRIES C/POR
		00290	53641C	H	OUR LADY OF THE PRAIRIES C/POR
		00412	53747C	H	FRERE ANTOINE CORE PORTABLE
		00412	53748C	H	FRERE ANTOINE CORE PORTABLE
		00412	53749C	H	FRERE ANTOINE CORE PORTABLE
		00412	53750C	H	FRERE ANTOINE CORE PORTABLE
		00412	53751C	H	FRERE ANTOINE CORE PORTABLE
		00412	53752C	H	FRERE ANTOINE CORE PORTABLE
		00473	53776C	H	JH PICARD CORE PORT
		00473	53777C	H	JH PICARD CORE PORT
		00473	53778C	H	ST BENEDICT CORE PORT
		00473	53779C	H	ST BENEDICT CORE PORT
		00518	01699A	I	HOLY TRINITY CATHOLIC HIGH SCH

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST 00007	4020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
79	3	00290	53082C	H	BISHOP SAVARYN CORE PORTABLE
		00290	53083C	H	BISHOP SAVARYN CORE PORTABLE
		00290	53084C	H	BISHOP SAVARYN CORE PORTABLE
		00290	53085C	H	BISHOP SAVARYN PORT WASHROOM
		00290	53086C	H	ELIZABETH SETON CORE PORT
		00290	53087C	H	ELIZABETH SETON CORE PORT
		00290	53088C	H	ELIZABETH SETON CORE PORT
		00290	53089C	H	ELIZABETH SETON CORE PORT
		00290	53090C	H	ELIZABETH SETON WSHRM&CORRIDOR
		01011	01737B	H	ECOLE FRERE ANTOINE 8X8 CORE
82	1	00290	01696B	H	ST CHARLES(BATURYN) 4X4 CORE S
		00290	53404C	H	ST MARTHA CORE PORTABLES
		00290	53405C	H	ST MARTHA CORE PORTABLES
		00290	53406C	H	ST BONAVENTURE CORE PORTABLES
		00290	53407C	H	ST BONAVENTURE CORE PORTABLES
		00290	53408C	H	ST BONAVENTURE CORE PORTABLES
		00290	53409C	H	ST BONAVENTURE CORE PORTABLES
		00290	53410C	H	ST LUCY CORE PORTABLES
		00290	53411C	H	ST LUCY CORE PORTABLES
		00290	53412C	H	HOLY FAMILY CORE PORTABLE
		00290	53413C	H	HOLY FAMILY CORE PORTABLE

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST 00007	4020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
79	2	15621	01391B	H	ST TIMOTHY CORRIDOR
		15621	01646B	H	HOLY FAMILY 8X8 CORE SCH
	3	00290	01008A	H	FATHER LEO GREEN CONN CORR
		00290	01304B	H	ST BONAVENTURE CONNECTING CORR
		00290	53065C	H	ST MARTHA CORE PORTABLE
		00290	53066C	H	ST MARTHA CORE PORTABLE
		00290	53067C	H	ST MARTHA CORE PORTABLE
		00290	53068C	H	ST MARTHA CORE PORTABLE
		00290	53069C	H	ST TERESA CORE PORTABLE
		00290	53070C	H	ST TERESA CORE PORTABLE
		00290	53071C	H	ST TERESA CORE PORTABLE
		00290	53072C	H	ST TERESA CORE PORTABLE
		00290	53073C	H	ST TIMOTHY CORE PORTABLE
		00290	53074C	H	ST TIMOTHY CORE PORTABLE
		00290	53075C	H	ST TIMOTHY CORE PORTABLE
		00290	53076C	H	ST TIMOTHY CORE PORTABLE
		00290	53077C	H	ST SOPHIA CORE PORTABLE
		00290	53078C	H	ST SOPHIA CORE PORTABLE
		00290	53079C	H	ST SOPHIA CORE PORTABLE
		00290	53080C	H	ST SOPHIA CORE PORTABLE
		00290	53081C	H	BISHOP SAVARYN CORE PORTABLE

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST 00007	4020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
79	1	14427	53044C	H	ST CLEMENT CORE PORTABLE
		14427	53045C	H	ST CLEMENT CORE PORTABLE
		14427	53046C	H	ST CLEMENT CORE PORTABLE
	2	15356	53047C	H	ANN FITZGERALD CORE PORTABLE
		15356	53048C	H	ANN FITZGERALD CORE PORTABLE
		15356	53049C	H	ANN FITZGERALD CORE PORTABLE
		15356	53050C	H	ANN FITZGERALD CORE PORTABLE
		15356	53051C	H	ST RICHARD CORE PORTABLE
		15356	53052C	H	ST RICHARD CORE PORTABLE
		15356	53053C	H	ST RICHARD CORE PORTABLE
		15356	53054C	H	ST RICHARD CORE PORTABLE
		15356	53055C	H	ST ELIZABETH CORE PORTABLE
		15356	53056C	H	ST ELIZABETH CORE PORTABLE
		15356	53057C	H	ST ELIZABETH CORE PORTABLE
		15356	53058C	H	ST ELIZABETH CORE PORTABLE
		15356	53059C	H	ST ELIZABETH CORE PORTABLE
		15356	53060C	H	ST ELIZABETH CORE PORTABLE
		15356	53061C	H	ST LUCY CORE PORTABLE
		15356	53062C	H	ST LUCY CORE PORTABLE
		15356	53063C	H	ST LUCY CORE PORTABLE
		15356	53064C	H	ST LUCY CORE PORTABLE

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON RCSS DIST 00007	40[illegible]	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
79	1	14427	53017C	H	ST SOPHIA RELOCATABLE SCHOOL
		14427	53018C	H	ST SOPHIA RELOCATABLE SCHOOL
		14427	53025C	H	JOHN PAUL I CORE PORTABLE
		14427	53026C	H	JOHN PAUL I CORE PORTABLE
		14427	53027C	H	JOHN PAUL I CORE PORTABLE
		14427	53028C	H	JOHN PAUL I CORE PORTABLE
		14427	53029C	H	JOHN PAUL I CORE PORTABLE
		14427	53030C	H	JOHN PAUL I CORE PORTABLE
		14427	53031C	H	ST TIMOTHY CORE PORTABLE
		14427	53032C	H	ST TIMOTHY CORE PORTABLE
		14427	53033C	H	ST TIMOTHY CORE PORTABLE
		14427	53034C	H	ST TIMOTHY CORE PORTABLE
		14427	53035C	H	ANN FITZGERALD CORE PORTABLE
		14427	53036C	H	ANN FITZGERALD CORE PORTABLE
		14427	53037C	H	ANN FITZGERALD CORE PORTABLE
		14427	53038C	H	ANN FITZGERALD CORE PORTABLE
		14427	53039C	H	BISHOP SAVARYN CORE PORTABLE
		14427	53040C	H	BISHOP SAVARYN CORE PORTABLE
		14427	53041C	H	BISHOP SAVARYN CORE PORTABLE
		14427	53042C	H	BISHOP SAVARYN CORE PORTABLE
		14427	53043C	H	ST CLEMENT CORE PORTABLE

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

[illegible] NAME	[illegible] CODE	JURIS. STATUS
EDMONTON RCSS DIST 00007	4020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
79	1	14427	01384B	H	ST BONAVENTURE 6X8 CORE SCHOOL
		14427	01386B	H	ST LUCY 4X4 CORE SCHOOL
		14427	01387B	H	ST THERESA 4X4 CORE SCHOOL
		14427	01388B	H	ST RICHARD 4X4 CORE SCHOOL
		14427	01389B	H	JOHN PAUL I 4X6 CORE SCHOOL
		14427	01391B	H	ST TIMOTHY 4X4 MINI CORE SCH
		14427	01392B	H	ANN FITZGERALD 4X4 MINI CORE
		14427	01393B	H	ST MARTHA 6X6 CORE SCHOOL
		14427	53004C	H	ELIZABETH SETON CORE PORTABLE
		14427	53005C	H	ELIZABETH SETON CORE PORTABLE
		14427	53006C	H	ELIZABETH SETON CORE PORTABLE
		14427	53007C	H	ELIZABETH SETON CORE PORTABLE
		14427	53008C	H	ST CLEMENT CORE PORTABLE
		14427	53009C	H	ST CLEMENT CORE PORTABLE
		14427	53010C	H	ST CLEMENT CORE PORTABLE
		14427	53011C	H	ST CLEMENT CORE PORTABLE
		14427	53012C	H	ST SOPHIA RELOCATABLE GYM
		14427	53013C	H	ST SOPHIA RELOCATABLE SCHOOL
		14427	53014C	H	ST SOPHIA RELOCATABLE SCHOOL
		14427	53015C	H	ST SOPHIA RELOCATABLE SCHOOL
		14427	53016C	H	ST SOPHIA RELOCATABLE SCHOOL

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
82	2	01920	00969A	I	CAPE WORD PROCESSING PHASE II
		02793	00969A	P	BELVEDERE (CAPE) COMPUTER *
		03525	00969A	I	BELVEDERE (CAPE) MECHANICAL
		60082	00969A	I	BELVEDERE SCHOOL ADD'N
		60083	00969A	I	BELVEDERE SCH REN (EXP STAFF)

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL YEAR	PLAN YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
82	2	01229	53917C	I	CENTENNIAL CORE PORTABLE
		01229	53918C	I	CENTENNIAL CORE PORTABLE
		01229	53919C	I	CENTENNIAL CORE PORTABLE
		01229	53920C	I	CENTENNIAL CORE PORTABLE
		01229	53921C	I	CENTENNIAL CORE PORTABLE
		01229	53922C	I	CENTENNIAL CORE PORTABLE
		01395	01014B	I	FRASER 8X8 CORE
		01395	01015B	I	MINCHAU 8X8 CORE
		01420	00969A	I	BELVEDERE SCH REN (3CR TO LIB)
		01456	00969A	I	BELVEDERE (CAPE) LANDSCAPE ETC
		01506	00969A	I	BELVEDERE SCHOOL RENOV (CAPE)
		01748	01760B	I	LYMBURN ELEM 8X8 CORE SCH
		01852	01757B	I	JULIA KINISKI CORE SCH
		01877	53935C	I	MEINLOS CORE PORTABLE
		01877	53936C	I	MEINLOS CORE PORTABLE
		01877	53937C	I	MEINLOS CORE PORTABLE
		01877	53938C	I	MEINLOS CORE PORTABLE
		01877	53939C	I	POLLARD MEADOWS CORE PORT
		01877	53940C	I	POLLARD MEADOWS CORE PORT
		01877	53941C	I	POLLARD MEADOWS CORE PORT
		01877	53942C	I	POLLARD MEADOWS CORE PORT

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME					
82	1	00869	01168A	H	N EDMONTON ELEM REN (PLAYTOSHL					
		60057	00430A	I	ELLERSLIE REN (STOR TO ANC)					
		60058	00430A	I	ELLERSLIE JR REN (CNF TO SP ED					
		60059	00979A	H	WESTMINSTER JR REN (CR TO IA)					
	2	00395	01755B	H	CRAWFORD PLAINS ELEM-CORE SCH					
		00395	01758B	H	KIRKNESS ELEM CORE SCHOOL					
		00395	01759B	H	LA PERLE ELEM CORE SCHOOL					
		00395	01761B	H	TIPASKAN ELEM CORE SCHOOL					
		00395	01762B	H	WEINLOS ELEM CORE SCHOOL					
		00395	53717C	I	KEHEEWIN CORE PORTABLES					
		00395	53718C	I	KEHEEWIN CORE PORTABLES					
		00395	53719C	I	KEHEEWIN CORE PORTABLES					
		00395	53720C	I	KEHEEWIN CORE PORTABLES					
		00395	53721C	I	KEHEEWIN CORE PORTABLES					
		00395	53722C	I	KEHEEWIN CORE PORTABLES					
		00574	01700A	H	J PERCY PAGE COMPOSITE HIGH					
		01049	00969A	P	BELVEDERE (CAPE) FURN & EQUIP *					
		01229	53913C	I	MEYOKUMIN CORE PORT (LAST 4)					
		01229	53914C	I	MEYOKUMIN CORE PORT (LAST 4)					
		01229	53915C	I	MEYOKUMIN CORE PORT (LAST 4)					
		01229	53916C	I	MEYOKUMIN CORE PORT (LAST 4)					

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST #[illegible]7	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME					
82	1	00395	53707C	H	SAKAW CORE PORTABLES					
		00395	53708C	H	SAKAW CORE PORTABLES					
		00395	53709C	H	SAKAW CORE PORTABLES					
		00395	53710C	H	SAKAW CORE PORTABLES					
		00395	53711C	H	SAKAW CORE PORTABLES					
		00395	53712C	H	SAKAW CORE PORTABLES					
		00395	53713C	H	SAKAW CORE PORTABLES					
		00395	53714C	H	SAKAW CORE PORTABLES					
		00069	00430A	I	ELLERSLIE ELEM REN (CUST-TO-AN					
		00069	00931A	I	BELGRAVIA ELEM REN (CR TO ADM)					
		00069	00953A	H	BONNIE DOON REN (CR TO VED)					
		00069	00971A	H	GARNEAU ELM JR REN (CRTOSTAFF)					
		00069	00972A	H	GOLD BAR ELEM REN (CR TO ECS)					
		00069	00979A	H	WESTMINSTER JR REN (CR TO HEC)					
		00069	00983A	H	DUGGAN ELEM REN (3CR TO ECS)					
		00069	00990A	H	KENILWORTH JR REN (2CR TO ANC)					
		00069	01098A	H	S ROBERTSON REN (CR TO CNF-ADM					
		00069	01112A	H	QUEEN MARY ELEM REN (PLAYTOLIB					
		00069	01147A	H	STEELE HEIGHTS REN (STORTODARK					
		00069	01156A	H	AVALON SCHOOL RENOVATION					
		00069	01168A	H	BALWIN JR HI REN (ADM AREA)					

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
82	1	00395	53686C	H	HILLVIEW CORE PORTABLES
		00395	53687C	H	HILLVIEW CORE PORTABLES
		00395	53688C	H	HILLVIEW CORE PORTABLES
		00395	53689C	H	HILLVIEW CORE PORTABLES
		00395	53690C	H	HILLVIEW CORE PORTABLES
		00395	53691C	H	MENISA CORE PORTABLES
		00395	53692C	H	MENISA CORE PORTABLES
		00395	53693C	H	MENISA CORE PORTABLES
		00395	53694C	H	MENISA CORE PORTABLES
		00395	53695C	H	MEYOKUMIN CORE PORTABLES
		00395	53696C	H	MEYOKUMIN CORE PORTABLES
		00395	53697C	H	MEYOKUMIN CORE PORTABLES
		00395	53698C	H	MEYOKUMIN CORE PORTABLES
		00395	53699C	H	OVERLANDER CORE PORTABLES
		00395	53700C	H	OVERLANDER CORE PORTABLES
		00395	53701C	H	OVERLANDER CORE PORTABLES
		00395	53702C	H	OVERLANDER CORE PORTABLES
		00395	53703C	H	POLLARD MEADOWS CORE PORTABLES
		00395	53704C	H	POLLARD MEADOWS CORE PORTABLES
		00395	53705C	H	POLLARD MEADOWS CORE PORTABLES
		00395	53706C	H	POLLARD MEADOWS CORE PORTABLES

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL YEAR	PLAN YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
80	2	17531	00949A	H	HARRY AINLAY HI RENOV (23A)
		17531	00951A	H	INGLEWOOD ELEM RENOV (24A)
		17531	00953A	H	BONNIE DOON HI RENOV CR TO LIB
		17531	00988A	I	ELMWOOD ELEM RENOV
		17531	01103A	H	MCNALLY HIGH RENOV
		17531	01136A	H	LAURIER HEIGHTS ELEM&JR RENOV
		17531	01164A	H	BEACON HEIGHTS ELEM RENOV
		17531	01166A	I	CRESTWOOD ELEM & JR HI RENOV
		60033	00953A	H	BONNIE DOON HI RENOV CR TO ANC
		60035	00949A	H	HARRY AINLAY HI RENOV (23C)
		60036	00951A	H	INGLEWOOD ELEM RENOV (24B)
		60037	00951A	H	INGLEWOOD ELEM RENOV (24C)
82	1	00395	53677C	H	BATURYN CORE PORTABLES
		00395	53678C	H	BATURYN CORE PORTABLES
		00395	53679C	H	BATURYN CORE PORTABLES
		00395	53680C	H	BATURYN CORE PORTABLES
		00395	53681C	H	GREENVIEW CORE PORTABLES
		00395	53682C	H	GREENVIEW CORE PORTABLES
		00395	53683C	H	GREENVIEW CORE PORTABLES
		00395	53684C	H	GREENVIEW CORE PORTABLES
		00395	53685C	H	HILLVIEW CORE PORTABLES

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL PLAN YEAR	TR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
88	1	16647	00937A	I	KILDARE RENOVATION CR TO SCI
		16647	00944A	H	QUEEN ELIZABETH HIGH RENOV
		16647	[illegible]	H	HARRY AINLEY RENOVATION
		16647	00953A	H	BONNIE DOON COMP RENOVATIONS
		16647	00962A	I	KING EDWARD ELEM RENOVATION
		16647	00976A	H	ROSS SHEPPARD RENOVATIONS
		16647	00988A	H	CORONATION SCHOOL RENOVATION
		16647	01100A	H	KING EDWARD RENOVATION
		16647	01105A	H	STRATFORD RENOVATIONS
		16647	01110A	H	NORWOOD SCHOOL RENOVATION
		16647	01124A	H	MOUNT ROYAL RENOVATION
		16647	01136A	H	LAURIER HEIGHTS RENOVATION
		16647	01140A	H	PARKDALE RENOVATION
		16647	01156A	H	AVALON SCHOOL RENOVATION
		16647	01160A	H	BALWIN SCHOOL RENOVATION
		16647	01165A	H	SPRUCE AVE RENOVATIONS
		00025	00937A	H	KILDARE RENO LIB TO SCIENC
	2	16215	01660B	H	GARIEPY 6X6 CORE SCHOOL
		17531	00922A	H	W P WAGNER HIGH RENOVATION
		17531	00933A	H	WINDSOR PARK ELEM RENOV
		17531	00940A	H	MCCAULEY ELEM&JR HI RENOV

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
80	1	16021	53145C	H	DAN KNOTT JR CORE PORTABLE
		16021	53146C	H	DAN KNOTT JR CORE PORTABLE
		16021	53147C	H	DAN KNOTT JR CORE PORTABLE
		16021	53148C	H	DAN KNOTT JR CORE PORTABLE
		16021	53149C	H	DAN KNOTT JR CORE PORTABLE
		16021	53150C	H	DAN KNOTT JR CORE PORTABLES
		16021	53151C	H	DAN KNOTT JR CORE PORTABLES
		16021	53152C	H	DAN KNOTT JR CORE PORTABLES
		16021	53153C	H	BANNERMAN CORE PORTABLE
		16021	53154C	H	BANNERMAN CORE PORTABLE
		16021	53155C	H	BANNERMAN CORE PORTABLE
		16021	53156C	H	BANNERMAN CORE PORTABLE
		16021	53157C	H	BANNERMAN CORE PORTABLE
		16021	53158C	H	BANNERMAN CORE PORTABLE
		16021	53159C	H	BANNERMAN CORE PORTABLE
		16021	53160C	H	BANNERMAN CORE PORTABLE
		16246	01651B	H	MENISA 6X6 CORE SCHOOL
		16396	01609A	H	BENNETT SCHOOL ADDITION
		16447	00923A	H	ATHLONE SCHOOL RENOVATIONS
		16447	00925A	H	BRITTANIA SCHOOL RENOVATION
		16447	00930A	I	HOLYROOD RENOVATION

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME
80	1	16021	53124C	H	GREEN VIEW CORE PORTABLES
		16021	53125C	H	BATURYN CORE PORTABLE
		16021	53126C	H	BATURYN CORE PORTABLE
		16021	53127C	H	BATURYN CORE PORTABLE
		16021	53128C	H	BATURYN CORE PORTABLE
		16021	53129C	H	DUNLUCE CORE PORTABLE
		16021	53130C	H	DUNLUCE CORE PORTABLE
		16021	53131C	H	DUNLUCE CORE PORTABLE
		16021	53132C	H	DUNLUCE CORE PORTABLE
		16021	53133C	H	DUNLUCE CORE PORTABLE
		16021	53134C	H	DUNLUCE CORE PORTABLE
		16021	53135C	H	DUNLUCE CORE PORTABLE
		16021	53136C	H	DUNLUCE CORE PORTABLE
		16021	53137C	H	ORMSBY CORE PORTABLE
		16021	53138C	H	ORMSBY CORE PORTABLE
		16021	53139C	H	ORMSBY CORE PORTABLE
		16021	53140C	H	ORMSBY CORE PORTABLE
		16021	53141C	H	ORMSBY CORE PORTABLE
		16021	53142C	H	ORMSBY CORE PORTABLE
		16021	53143C	H	ORMSBY CORE PORTABLE
		16021	53144C	H	ORMSBY CORE PORTABLE

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

JURIS. NAME	JURIS. CODE	JURIS. STATUS
EDMONTON SCHOOL DIST 00007	3020	ACTIVE

CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME					
80	1	16021	01398B	H	DAN KNOTT 10X8 CORE SCHOOL					
		16021	01652B	H	POLLARD MEADOWS 8X8 CORE SCH					
		16021	01653B	H	CENTRAL 8X8 CORE SCHOOL					
		16021	01654B	H	KEHEEWIN 6X6 CORE SCHOOL					
		16021	01655B	H	MEYOKUMIN 8X8 CORE SCHOOL					
		16021	01656B	H	HILLVIEW 6X6 CORE SCHOOL					
		16021	53109C	H	KAMEYOSEK CORE PORTABLE					
		16021	53110C	H	KAMEYOSEK CORE PORTABLE					
		16021	53111C	H	KAMEYOSEK CORE PORTABLE					
		16021	53112C	H	KAMEYOSEK CORE PORTABLE					
		16021	53113C	H	MEYONOHK CORE PORTABLE					
		16021	53114C	H	MEYONOHK CORE PORTABLE					
		16021	53115C	H	MEYONOHK CORE PORTABLE					
		16021	53116C	H	MEYONOHK CORE PORTABLE					
		16021	53117C	H	MEYONOHK CORE PORTABLE					
		16021	53118C	H	MEYONOHK CORE PORTABLE					
		16021	53119C	H	MEYONOHK CORE PORTABLE					
		16021	53120C	H	MEYONOHK CORE PORTABLE					
		16021	53121C	H	GREENVIEW CORE PORTABLE					
		16021	53122C	H	GREENVIEW CORE PORTABLE					
		16021	53123C	H	GREENVIEW CORE PORTABLE					

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

APPENDIX F

Capital Plan and Status of Debenture Reports

- F 1. Project Comparison of Debenture Draws
- F 2. Summary of 1986 Capital Budget
- F 3. Summary of Projects by School Division
- F 4. Sample of Capital Budget Summary Prepared Monthly
- F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)
- F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)
- F 7. Construction Management Notations
- F 8. Portion of a Tender Log Record
- F 9. Portion of a Record of Final Plans of Modernization
- F10. Examples of Tender Analysis Forms

JURIS. NAME	JURIS. CODE	JURIS. STATUS
GRANDE PRAIRIE S DIST #2357	3240	ACTIVE

Status	CAPITAL PLAN YEAR	YR FLAG	MINUTE NUMBER	PLANT ID	PROJECT STATUS	PROJECT NAME	GROSS AREA	APPROVED AREA	CAP	FINAL COST	GOV'T SUPP
IP-85-06-07	84	1	02152	00753A	P	GRANDE PRAIRIE COMP MOD(PHASEI *	5047.61	5059	+75		2,305,171
Construction Management 85-06-05			02855	54010C	I	CRYSTAL PARK CORE PORTABLE	366.50	366.50	100		203,579
↓			02855	54011C	I	CRYSTAL PARK CORE PORTABLE	↓	↓	↓		↓
			02855	54012C	I	CRYSTAL PARK CORE PORTABLE					
			02855	54013C	I	CRYSTAL PARK CORE PORTABLE					
I.P-85-06-07	85	1	03087	00753A	P	GRANDE PRAIRIE COMP HI MOD(11) *	7329.31	5084	-25		2,328,108
IP.-85-06-07			03764	00753A	P	GRANDE PRAIRIE COMP MOD (111) *	4990.06	4541	-75		1,759,059
I.P.-85-11-15			04469	00753A	P	GRANDE PRAIRIE COMP ADDITION *		800	20		637,146
AF-85-11-15			04545	00753A	P	GRANDE PRAIRIE COMP (ROOF) MOD *		7761	0		358,074

Modernization:

Phase 1 - Min # 04444 - Support increased to this amount
Phase 11 - Min. # 04445 - " " " " "
Phase 111 - Min # 04446 - " " " " "

** ASTERISK (*) TO RIGHT OF PROJECT NAME INDICATES CAPITAL PROJECT WITH NO RELATED PROJECT INFORMATION RECORD

INFORMATION FOR THIS REPORT PROVIDED BY SCHOOL BUILDINGS BRANCH

BEST COPY AVAILABLE

SUMMARY

1984	Gross Area Tendered m^2	Approved Tendered m^2	Approved Outstanding m^2	Capacity Tend.	Capacity Out.	Government Support Tendered	Government Support Outstanding	Debentures Issued	Debentures Requested	Final Cost	
New Construction	366.50	366.50		100		203,579		100,000	230,000		
Modernization			5059		+75		2,305,171				
Combined Total											
1985											
New onstruction			800		20		[illegible],146				
Modernization			17,386		-100		4,445,241				
Combined Total			18,186		80		5,082,387				
1986											
New Construction											
Modernization											
Combined Total											

BEST COPY AVAILABLE

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

BEST COPY AVAILABLE

1986

School Div/Cty Name & Number	Project Name & Type of School	Description	Architect	General Contract
Cty of Lac Ste Anne # 2	Alberta Beach 6 x 6 Ecs School	5 CR, Sci, Arc, Lib, Gym & 2 Stat- stage/Arc	McIntosh, Workum & Clements	Alhamra Const Ltd
o	St. Anne Addn.	Addn of 4 CR, Lib & Computer Room	Sinclair & Naito	PCL-Madin & Joint Venture
o	St. Gerard's Addn & Modernization.	Addn of 5 CR, Sci, Arc, Gym, R.R's & Extensive Modernization	Field, Field & Field.	Stuart Olson Const. Ltd
o	Wilson Junior High Add'n	Add'n of 3 Station AVC, Physical Activity Room, Gym Storage, etc	Robins Watson Baunton Architects & Engineers	Glen Little Construction Ltd.
County of Parkland # 31	H.W. Pickup	Site Improvements	[illegible]	Border Paving Ltd.

ontractor	Date Tender Approved	Gross M²	Cap	Basic Tender Amount	Pro-rated Tender Amount	Cost per M² Tender	Estimated $ Support (Modern)	Remarks
[illegible] Ltd	Jan 02	2386.32	225	2,149206	2,243,427	940.72		
[illegible] ature	Jan 14	769.47	100	673,000	705,439	916.19		
[illegible] Ltd	Jan 15	1531.59	175	1,442,363	1,512,094	987.08		Combined Tender.
			+25	853,437	930,246	526.25	696,347	
[illegible] Ltd.	Feb 11	855.04	75	839,288	879,742	1028.87		
[illegible]y Ltd.	Feb 20	—	—	121,854	—	—		Site Improvement were tendered separately.

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

	APPROVED	LOCATION	NAME	JURISDICTION	ARCHITECT	FACILITIES	[illegible]	AREA	[illegible]	[illegible]
6912	JAN 0 3 [illegible]	LETHBRIDGE	LETHBRIDGE ELEMENTARY	LETHBRIDGE SCH. DIST. No. 51	BILL BOUCOCK	8 × 8 CORE SCHOOL	✓	3336.00	✓	✓
6913	JAN 0 3 [illegible]	-"-	-"-	-"-	-"-	8 CORE PORTABLES	✓	797.80	✓	N.A.
6914		LACOMBE	LACOMBE JR HIGH SCH.	COUNTY OF LACOMBE No. 14	COUNTY OF LACOMBE	MODERNIZATION		161.90	✓	"
6915		WHITECOURT	HILLTOP HIGH SCHOOL	WHITECOURT SCH. DIST No. 2736	WHITECOURT SCH. DISTRICT	MODERNIZATION		872.50	✓	N.A.
6916		SPIRIT RIVER	SPIRIT RIVER ELEMENTARY	SPIRIT RIVER SCH. DIV. No. 47	FIELD, FIELD AND FIELD	MODERNIZATION	✓	2102.08	✓	-"-
6917		EDMONTON	ELLERSLIE ELEM /JR. HIGH	EDMONTON SCH. DIST. No. 7	EDMONTON PUBLIC	MODERNIZATION (ADMIN.)	✓	166.72	✓	-"-
6918		-"-	-"-	-"-	-"-	-"- (ART RM.)		76.95	✓	-"-
6919		-"-	-"-	-"-	-"-	-"- (BIOLOGY LAB)		104.00	✓	-"-
6920		-"-	EASTWOOD ELEM. /JR.	-"-	-"-	-"- (HOME EC.)		129.06	✓	-"-
6921		-"-	-"-	-"-	-"-	-"- (IND. ARTS)		166.37	✓	-"-
6922		-"-	McNALLY HIGH SCHOOL	-"-	-"-	-"- (IND. ARTS)		668.90	✓	-"-
6923		-"-	-"-	-"-	-"-	-"- (ART RM.)		139.70	✓	-"-
6924		-"-	JASPER PLACE COMPOSITE	-"-	-"-	-"- (DARK RM'S)		43.37	✓	-"-
6925		-"-	QUEEN ELIZABETH COMPOSITE	-"-	-"-	-"- (SCI. RM.)		94.17	✓	-"-
6926		-"-	YORK SCHOOL	-"-	-"-	-"-		105.30	✓	-"-
6927		-"-	CLARA TYNER SCHOOL	-"-	-"-	-"-		205.24	✓	-"-
6928		-"-	ELLERSLIE ELEM. /JR. HIGH	-"-	-"-	-"- (LIBRARY)		103.46	✓	-"-
6929		BONNYVILLE	NOTRE DAME ELEMENTARY	LAKELAND R.C.S.S.D.# 150	KOUGER SCHMIDT	MODERNIZATION	✓	2848.71	✓	N.A.
6930	FEB 0 4 [illegible]	FT. McMURRAY	TIMBERLEA ELEMENTARY	FT. McMURRAY SCH. DIST.# 2833	WRIGHT DOBELL	8 × 8 CORE SCHOOL	✓	3755.00	✓	✓
6931		EDMONTON	EASTWOOD ELEM. /JR.	EDMONTON SCH. DIST. No. 7	EDMONTON PUBLIC	MODERNIZATION (COMP. LAB)		50.23	✓	✓
6932		MEDICINE HAT	HERALD ELEMENTARY	MEDICINE HAT SCH. DIST No. 76	JOHN EMERT CHAMBERLIN	MODERNIZATION (PHASE II)	✓	327.22	✓	N.A.
6933		WHITECOURT	WHITECOURT CENTRAL	WHITECOURT SCH. DIST. No. 2736	MALTBY & PRINS	ADDITION	✓	404.10	✓	✓
6934		-"-	-"-	-"-	-"-	8 CORE PORTABLES	✓	654.28	✓	✓
6935		-"-	-"-	-"-	-"-	MODERNIZATION	✓	1666.65	✓	✓
6936		MEDICINE HAT	MEDICINE HAT HIGH SCHOOL	MEDICINE HAT SCH. DIST. No. 76		B.Q.R.P.				
6937		CALGARY	NICKLE JR. HIGH SCHOOL	CALGARY SCH. DIST. No. 19	CALGARY BOARD OF EDUCATION	MODERNIZATION	✓	78.70	✓	N.A.
6938		-"-	A.E. CROSS JR. HIGH SCHOOL	-"-	-"-	-"- (SCI. STOR.)	✓	11.15	✓	-"-
6939		-"-	-"-	-"-	-"-	-"- (KILN RM.)	✓	23.33	✓	-"-
6940		RED DEER	ST. MARTIN de PORRES	RED DEER R.C.S.S.D. No. 17	JOHN MURRAY	MODERNIZATION		61.89	✓	-"-
6941		ST. ALBERT	ECOLE FATHER JAN SCHOOL	ST. ALBERT SCH. DIST. No. 3	McINTOSH, WORKUN & CHERNENKO	-"-	✓	2101.15	✓	N.A.
6942	MAR 0 4 [illegible]	-"-	-"-	-"-	-"-	ADDITION		56.47	✓	-"-
6943		RED DEER	ASPEN HEIGHTS	RED DEER SCH. DIST. No. 104	RAINES, FINLAYSON BARRETT & PARTNERS	MODERNIZATION		36.45	✓	"
6944		-"-	NORMANDEAU SCHOOL	-"-	-"-	-"-		275.50	✓	-"
6945		-"-	PINES ELEMENTARY	-"-	-"-	-"-		73.60	✓	-"-
6946		-"-	NORTH ELEMENTARY	-"-	-"-	-"-		72.83	✓	-"-
6947		-"-	SOUTH ELEMENTARY	-"-	-"-	-"-		163.68	✓	-"-
6948		-"-	GRANDVIEW ELEMENTARY	-"-	-"-	-"-		71.16	✓	-"-
6949		-"-	FAIRVIEW ELEMENTARY	-"-	-"-	-"-		79.06	✓	-"-
6950		-"-	JOSEPH WELSH ELEMENTARY	-"-	-"-	-"-		71.60	✓	-"-
6951		-"-	PIPER CREEK ELEMENTARY	-"-	-"-	-"-		46.08	✓	-"-
6952		-"-	WESTPARK ELEMENTARY	-"-	-"-	-"-		79.24	✓	-"-

APPENDIX F

Capital Plan and Status of Debenture Reports

F 1. Project Comparison of Debenture Draws

F 2. Summary of 1986 Capital Budget

F 3. Summary of Projects by School Division

F 4. Sample of Capital Budget Summary Prepared Monthly

F 5. Current Capital Plan Reports (Partially EDIS/Handwritten)

F 6. Former Capital Plan Reports (Partially EDIS/Handwritten)

F 7. Construction Management Notations

F 8. Portion of a Tender Log Record

F 9. Portion of a Record of Final Plans of Modernization

F10. Examples of Tender Analysis Forms

SCHOOL BUILDINGS BOARD
TENDER ANALYSIS FORM (NEW CONSTRUCTION)
SCHOOL BUILDINGS REGULATION AND FUNDING ORDER 1984

Memo to H. Lehmann **Date** March 11, 86
Administrative Officer

Re: Name of School Whitecourt Central & Com Ports **New/Addn.**

District Whitecourt **No.** 2736

Cty./Div. ____ **No.** ____

Basic Tender	$ 423,825.00 *
Less Federal Sales Tax @ 2.52 **%**	$ 10,680.00
	$ 413,145.00
Plus Architect's Fees @ 7 **%**	$ 29,668.00
TOTAL	$ 442,813.00

Gross Area 654.28 m^2 **Cost per** m^2 **$** 676.79

E 0.8962 **Provincial Government Estimated Support**

U 0.8388 **P = E x U x A x S**

M 654.28

S 590 + 70 (0.8962 x 0.8388 x 654.28 x 660) $ 324,617.00
Incl. distance and other factors, if applicable.

Capacity = 200

Total Estimated Government Support $ 324,617.00

Estimated School Board Support $ 118,196.00 /

Remarks: *Part of Combined Tender of $3,104,772 for addition, portables, modernization, demolition, Community Center and Paving and Site Work.

L. S. Grant
Coordinator and Secretary
School Buildings Board

SCHOOL BUILDINGS BOARD
TENDER ANALYSIS FORM (NEW CONSTRUCTION)
SCHOOL BUILDINGS REGULATION AND FUNDING ORDER 1984

Memo to H. Lehmann
Administrative Officer

Date March 11, 86

Re: Name of School Whitecourt Central ~~New~~/Add'n.

District Whitecourt No. 2736

Cty./Div. No.

Basic Tender	$ 364,000.00 *
Less Federal Sales Tax @ 2.52 %	$ 9,173.00
	$ 354,827.00
Plus Architect's Fees @ 7 %	$ 25,480.00
TOTAL	$ 380,307.00

Gross Area 404.10 m^2 Cost per m^2 $ 941.12

E 0.8962 Provincial Government Estimated Support

U 0.8388 P = E x U x A x S

M 370

S 941.12+40 (0.8962×0.6388×370×941.12) $ 272,890.00
Incl. distance and other factors, if applicable.

Capacity = 0

Total Estimated Government Support $ 272,890.00

Estimated School Board Support $ 107,417.00 ✓

Remarks: * Part of Combined tender of $2,144,037 for Addition, Portables (8); Modernization, Demolition, Community Centre and Paving & Site Work.

L. S. Grant
Coordinator and Secretary
School Buildings Board

SCHOOL BUILDINGS BOARD
TENDER ANALYSIS FORM (MODERNIZATION)
SCHOOL BUILDINGS REGULATION AND FUNDING ORDER 1984

Memo to H. Lehmann Date March 11, 86
Administrative Officer

Re: Name of School Whitecourt Central Modern.

District Whitecourt No. 2736

Cty./Div. ______ No. ______

Basic Tender	$ 892,175.00*
Plus Architect's Fees @ 9 %	$ 80,296.00
TOTAL	$ 972,471.00

Gross Area 1666.65 m² Cost per m² $ 583.49

E 0.8962 Provincial Government Estimated Support

U 0.85 P = E x U x Supported Costs

S $972,471 0.8962 x 0.85 x $972,471. = $ 740,799.00
Incl. distance and other factors, if applicable.

Capacity = -5

Total Estimated Government Support	$ 740,799.00
Estimated School Board Support	$ 231,672.00 ✓

Remarks: * Part of Combined tender of $2,194,000 for addition, portables, modernization, demolition, Community Center, and paving and Site Work

L. S. Grant
Coordinator and Secretary
School Buildings Board

BEST COPY AVAILABLE

APPENDIX G

Enrolments: Summary Tabulations

G 1. Examples of Enrolments for Grades 1 - 12

G 2. Examples of Enrolments for ECS

HOCA

EDISE125-01 24 FEB 86

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL

AS AT SEPTEMBER 30, 1985

COUNTY

JURISDICTION COUNTY OF GRANDE PRAIRIE #1
LEGAL CODE 0001

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
BEAVERLODGE ELEMENTARY SCH	1102	54	73	53	61	59	64										364
BEAVERLODGE REGIONAL HIGH	1101												130	113	106	2	351
BEZANSON SCH	1103	10	7	15	18	10	12		13	9	11						105
ELMWORTH SCH	1104	11	14	10	8	13	11		11	15	11						104
GRANDVIEW COLONY SCH	1116	3		3	2	1	2		5								16
HARRY BALFOUR SCH	1105	61	56	53	55	50	52	14	86	66	60	6					559
HYTHE ELEMENTARY SCH	1115	29	37	30	24	27	24										171
HYTHE REGIONAL JUNIOR HIGH	1106								100	70	66	11				8	255
LA GLACE SCH	1107	16	11	15	16	18	14		7	11	13						121
SEXSMITH ELEMENTARY SCH	1112	63	56	66	53	57	41										336
SEXSMITH SECONDARY SCH	1108								70	52	58		80	91	63		414
TEEPEE CREEK SCH	1109	7	6	16	12	9	11		19	7	10						97
VALHALLA SCH	1110	1	10	7	8	5	5										36
WEMBLEY ELEM SCHOOL	1113	60	54	42													156
WEMBLEY SCHOOL	1111				54	54	56		44	33	35						276
** JURISDICTION TOTALS :		315	324	310	311	303	292	14	355	263	264	17	210	204	169	10	3361

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCIAL AND ADMINISTRATIVE SERVICES

AS AT SEPTEMBER 30, 1985

PUBLIC SCHOOL DISTRICT

JURISDICTION EDMONTON SCHOOL DIST #7
LEGAL CODE 0007

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
ABBOTT ELEM SCHOOL	7100	62	42	32	35	27	41	23				1					263
AFTON ELEM SCH	7192	44	36	45	38	46	50	9									268
ALDERGROVE ELEM SCH	7234	73	64	64	58	67	57	16									399
ALEX TAYLOR ELEMENTARY SCHOOL	7101	6	14	11	12	13	13	32				2					103
ALLENDALE ELEM-JR HIGH SCHOOL	7500	11	17	18	20	18	19	14	46	26	24	9					222
ATHLONE ELEM SCH	7104	22	13	24	16	21	18	17				2					133
AVALON JUNIOR HIGH SCH	7550								193	186	171						550
AVONMORE ELEM SCH	7501	22	20	26	21	19	19	30				10				2	169
BALWIN JUNIOR HIGH SCH	7502							5	178	140	146	38				6	513
BANNERMAN ELEM SCH	7253	59	62	55	52	44	28	6									306
BATURYN ELEM SCH	7247	85	63	53	58	46	47	8				2					362
BEACON HEIGHTS ELEM SCH	7106	16	13	17	14	17	15	3									95
BELGRAVIA ELEM SCH	7107	15	14	21	9	16	18										93
BELLEVUE ELEM SCH	7108	8	7	5	3	5	7	4									39
BELMEAD ELEM SCH	7236	64	64	39	53	35	39	9									303
BELMONT ELEM SCH	7228	67	60	63	51	68	49	37				1					396
BELVEDERE ELEM SCH	7109	28	13	28	22	22	22	12				1					148
BIRCH HILLS SCHOOL	7705															224	224
BONNIE DOON COMPOSITE HIGH	7050												222	181	335	3	741
BRANDER GARDENS ELEMENTARY	7226	68	51	54	52	63	60	9									357
BRIGHTVIEW ELEM SCH	7504	31	22	24	17	20	20	38				1					173
BRITANNIA JUNIOR HIGH SCHOOL	7551							8	69	93	89	35				20	314
BROOKSIDE ELEM SCH	7146	19	25	15	17	23	25	1									125
CAERNARVON ELEMENTARY SCH	7225	65	72	62	80	62	81	17				1					440
CALDER ELEM SCH	7113	33	22	27	20	16	25	8				1					152
CALLINGWOOD ELEM SCH	7237	34	39	24	34	31	33	13				3					211
CAPILANO ELEM SCH	7114	15	18	14	16	12	23	20				9				19	146
CENTENNIAL SCHOOL1882-1982	7260	53	48	51	43	36	45	1									277
CLARA TYNER ELEM SCH	7193	26	30	29	30	36	38	3									192
CONTINUING EDUCATION - DAY	7092														926		926
CORONATION ELEM SCH	7115	20	21	13	18	10	17										99
CRAWFORD PLAINS SCHOOL	7263	87	78	48	46	44	32	6									341
CRESTWOOD ELEM-JR HIGH SCH	7503	11	11	16	21	20	20	4	80	56	56						295
D S MACKENZIE JUNIOR HIGH SCH	7522							6	145	221	210	56				6	644
DAN KNOTT JR HIGH SCH	7563								212	252	222	13				2	701
DELTON ELEM SCH	7118	43	45	49	42	26	24	27									256
DELWOOD ELEM SCH	7194	104	95	69	85	66	52	5				1					477

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCIAL AND ADMINISTRATIVE SERVICES

AS AT SEPTEMBER 30, 1985

SCHOOL DIVISION

JURISDICTION CARDSTON SCHOOL DIV #2
LEGAL CODE 0002

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
BIG BEND COLONY SCH	6213	3	3		2	2	1		2	2							15
CARDSTON ELEM SCH	6204	117	114	102	109	102	99										643
CARDSTON JR HIGH SCH	6203								132	122	126						380
CARDSTON SR HIGH SCH	6201												153	117	134		404
CRYSTAL SPRING COLONY SCH	6214	2	2	2	2	1	1										10
DEL BONITA SCH	6206	9	8	4	6	8	2		4	10	4						55
EAST CARDSTON COLONY SCH	6215	1	1	2	5	4	4		3	3	5						28
EASTRIDGE ELEMENTARY SCH	6202	59	56	63	60	48	51										337
GLENHILL SCH	6207	30	30	29	25	29	20		32	24	19						238
HUTTERVILLE COLONY SCH	6216	3	3	4	2	4	3	1	2	4							26
MAGRATH ELEMENTARY SCH	6211	60	68	50	55	60	50										343
MAGRATH JR-SR HIGH SCH	6210								51	58	41		52	47	56		305
MOUNTAIN VIEW SCH	6212	7	18	11	13	19	12		8	6	9						103
NEW ELM COLONY SCH	6217	2	1	2	1				1	1							8
OLD ELM COLONY SCH	6218	4	3	2	5	6	3		3	2							28
RIVERSIDE COLONY SCH	6219		2	2			1		3	1	1						10
ROCKPORT COLONYSCHOOL	6220	2	2		1	2	1			2							10
STANDOFF COLONY SCH	6221	3	1		1	3	1		2								11
WEST RALEY COLONY SCH	6222	1	3		2		1			1							8
** JURISDICTION TOTALS :		303	315	273	289	288	250	1	243	236	205		205	164	190		2962

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCIAL AND ADMINISTRATIVE SERVICES

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL

AS AT SEPTEMBER 30, 1985

R.C. SEP. SCHOOL DISTRICT

JURISDICTION CALGARY RCSS DIST #1

LEGAL CODE 0001

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
BISHOP CARROLL HIGH SCH	8905												322	266	398		986
BISHOP GRANDIN SCH	8901												475	509	520		1504
BISHOP KIDD SCH	8702								95	91	112	22				3	323
BREBEUF SCH	8703								67	78	71						216
CORPUS CHRISTI SCH	8501	24	14	22	11	22	26										119
DON BOSCO SCHOOL	8727	80	81	76	72	62	53		62	51	50						587
FATHER DAMIEN SCHOOL	8550	53	37	45	27	33	14	5									214
FATHER LACOMBE SCH	8903												382	397	356		1135
HOLY CROSS ELEM-JR HIGH SCH	8704	36	49	45	36	47	64	6	84	77	97						541
HOLY FAMILY SCH	8503	29	23	19	28	30	18	13				1					161
HOLY NAME (BIL) SCH	8504	45	30	22	21	19	12										149
HOLY REDEEMER (BIL) SCH	8505	76	62	45	35	36	33										287
HOLY TRINITY SCH	8506	32	19	13	16	19	13	8									120
JOHN PAUL II SCHOOL	8549	51	23	31	33	21	15										174
JOHN XXIII SCHOOL	8726	60	68	46	41	40	47		83	73	72						530
MADELEINE D' HOUET SCHOOL	8728	37	24	33	25	26	29		65	48	35						322
MOTHER TERESA	8542	99	81	61	50	61	57										409
OUR LADY OF ASSUMPTION SCH	8701	22	27	30	19	30	30	6	24	38	31	6				8	271
SACRED HEART ELEMENTARY SCH	8705	22	12	10	12	9	14	29				1					109
ST ALPHONSUS ELEM - JR HIGH	8706	21	17	14	14	11	14	10	31	57	66	18				6	279
ST ANDREW SCH	8508	25	22	20	12	12	22										113
ST ANGELA ELEMENTARY	8510	22	18	15	7	11	13	25				3					114
ST ANNE SCH	8707	32	23	30	21	26	14	4	19								169
ST AUGUSTINE SCH	8708	25	20	21	26	21	27	17	47	54	39	25				2	324
ST BEDE ELEMENTARY SCH	8545	98	76	66	59	59	60										418
ST BENEDICT SCH	8511	27	33	24	41	25	32	4				1					137
ST BERNADETTE SCH	8709	34	46	38	40	34	25										217
ST BONAVENTURE JUNIOR HIGH	8721								133	131	159						423
ST BONIFACE ELEMENTARY SCH	8532	27	32	36	49	37	51										232
ST CATHERINE ELEMENTARY SCH	8533	29	35	43	38	44	40	17				2					248
ST CECILIA (BIL) ELEM SCH	8513	49	47	34	36	24	20										210
ST CLEMENT SCH	8516	36	24	27	29	28	13										157
ST CYRIL SCH	8723	41	29	48	37	53	37		106	98	100						549
ST DOMINIC SCH	8531	61	48	48	43	51	57										308
ST FRANCIS HIGH SCH	8902												504	488	534	8	1534
ST GERARD BILINGUAL SCH	8517	66	54	56	49	28	31										284
ST GREGORY SCH	8710								39	51	48	7				9	154

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCIAL AND ADMINISTRATIVE SERVICES

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL
AS AT SEPTEMBER 30, 1985

Special

PROTESTANT SEP SCHOOL DISTRICT

JURISDICTION ST ALBERT PSS DIST #6
LEGAL CODE 0006

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
ELMER S GISH SCH	2552	49	56	51	60	54	56		45	60	52						483
KEENOOSHAYO ELEMENTARY SCHOOL	2554	46	55	39	44	44	34	11				2					275
LEO NICKERSON ELEMENTARY	2540	50	78	53	54	40	44	7				4					330
LORNE AKINS JUNIOR HIGH SCH	2545			1					163	150	170						484
PAUL KANE HIGH SCH	2541												424	407	479		1310
ROBERT RUNDLE ELEMENTARY	2544	46	41	48	56	51	47	14				1					304
RONALD HARVEY ELEMENTARY	2546	100	89	72	52	62											375
SIR ALEXANDER MACKENZIE SCH	2542	42	52	43	50	65	69										321
SIR GEORGE SIMPSON JR HIGH	2543	39	18	15	12			8	90	82	115	59				5	443
WILD ROSE ELEMENTARY SCH	2551	23	27	33	30	35	34	23									205
WILLIAM D CUTS SCH	2550				54	57	117		114	107	113						562
** JURISDICTION TOTALS :		395	416	355	412	408	401	63	412	399	450	66	424	407	479	5	5092

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCIAL AND ADMINISTRATIVE SERVICES

BEST COPY AVAILABLE

APPENDIX G

Enrolments: Summary Tabulations

G 1. Examples of Enrolments for Grades 1 - 12

G 2. Examples of Enrolments for ECE

```
EDISE135-01      03 JAN 85    ECS - ENROLMENT STATISTICS AT SCHOOL LEVEL BY CATEGORY AND AGE                PAGE  316
TYPE OF ENROLMENTS: OTHER                                AS AT SEPTEMBER 30, 1984
OPERATOR NAME:        EDMONTON SCHOOL DIST #0007     CODE: 3020
CENTER NAME:          ABBOTT ELEM SCHOOL             CODE: 7100
                                                     2 1/2 TO      3 1/2 TO      4 1/2 TO      5 1/2 TO      6 TO        AGE
                                                     < 3 1/2       < 4 1/2       < 5 1/2       < 6           < 7         TOTAL
CATEGORY A: MENTALLY RETARDED CHILDREN                     0             0             0             0           0           0

            BLIND AND VISUALLY IMPAIRED CHILDREN           0             0             0             0           0           0

            HEARING HANDICAPPED CHILDREN                   0             0             0             0           0           0

            PHYSICALLY HANDICAPPED CHILDREN                0             0             0             0           0           0

            EMOTIONALLY DISTURBED CHILDREN                 0             0             0             0           0           0

            MILD MODERATE HANDICAPPED                      0             0             0             0           0           0

            DEP-MULTI HANDI CHILD - PROG UNIT              0             0             0             0           0           0

CATEGORY A: TOTAL                                          0             0             0             0           0           0

CATEGORY B: DISADVANTAGED TOTAL                            0             0             0             0           0           0

CATEGORY C: ALL OTHERS TOTAL                               0             0             0             0           0           0

CATEGORY TOTALS                                            0             0            41             5           0      ~~46~~
                                                                                                                          23

INFORMATION FOR THIS REPORT WAS COMPILED BY:  FINANCIAL AND ADMINISTRATIVE SERVICES
```

ECS

BEST COPY AVAILABLE

APPENDIX H

Summary Sheet for Calculating Capacity, Operating Capacity, Enrolments, Utilization, and Utilization Factors

Note that net capacity = gross capacity less reductions for leases and others (special education, English as a Second Language, and District Resource Offices used for decentralized administration)

BEST COPY AVAILABLE

SCHOOL BUILDINGS ASSESSMENT & UTILIZATION (1984-88) PAGE 1

FOR: STARLAND ~~DIST~~/DIV/~~CTY/RGSSD~~ NO. 30 DATE 86/03/04

NAME OF SCHOOL	TYPE OF CONST.	AGE	ORIG. CAP	MODERN. / RENOV. +/-	CORE PORT. CAP.	FREE STAND. PORT.	TOTAL CAPACITY	REDUCTIONS		NET CAPACITY	ENROLMENTS			% UTIL.	REMARKS
								LEASES	OTHERS		E.C.S. (F.T.E.)	1-12	TOTAL		
DELIA (I-XII) 5702	M M M M M M	1924 1956 1959 1969 1975 1985	** 100 100 25 0 (GYM) 100				325		30*	295		205 207 197	205 207 197		NOTE: E.C.S. PORTAB. ON SITE NOT RATED. * SPEC ED (2×15= ** DISPOSED 84/05/11
MORRIN (I-XII) 5705	F F F	1950 1957 1960	100 100 100	-25*			275			275		212 208 209	212 208 209		* 1984 RENOV (-25)
RUMSEY (I-VIII) 5707	M F M	1925 1956 1961	50 50 0 (CORRIDOR LINK)				100			100		52 49 38	52 49 38		
VERDANT VALLEY (I-VIII) 5708	F M F	? 1952 1956	25 0 (EASEMENT) 25				50			50		34 24 10	34 24 10		
TOTALS			775	-25			750		-30	720		454	454	66.28	ENROL 85/09/3

OPERATING CAPACITY = (NET CAPACITY x 0.95 =) 720 x 0.95 = 684 (685)

UTIL. % (u) = ENROL / OPERATING CAPACITY = 454 / 685 = 66.28 %

UTIL. FACTOR (U) = UTIL. % / 0.85 = 0.6628 / 0.85 = 0.7797

APPENDIX I

Summary of Pilot Spreadsheet for operating Capacity, Total Enrolment, Utilization, U Factor, E Factor, and Product of U Factor and E Factor

NAME OF JURISDICTION	TYPE & No	OPER CAP	TOT ENROL	UTIL %	U FACTOR	E FACTOR	U E
Athabasca	Cty/12	2895	1912	66.0449	.7770	.9062	.7041
Barrhead	Cty/11	2915	2404	82.4700	.9702	.9284	.9008
Beaver	Cty/9	2250	1808	80.3556	.9454	.8809	.8327
Camrose	Cty/22	2995	1842	61.5025	.7236	.8936	.6466
Flagstaff	Cty/29	3090	1798	58.1877	.6846	.8507	.5824
Forty Mile	Cty/8	1685	897	53.2344	.6263	.8587	.5378
Grande Prairie	Cty/1	4165	~~3316~~ 3345	79.6158	.9367	.9053	.8480
Lac St. Anne	Cty/28	3090	2527	81.7799	.9621	.8654	.8326
Lacombe	Cty/14	4540	3426	75.4626	.8878	.8646	.7676
Lamont	Cty/30	2610	1694	64.9042	.7636	.9051	.6911
Leduc	Cty/25	4905	3778	77.0234	.9062	.8654	.7842
Lethbridge	Cty/26	3610	2508	69.4737	.8173	.9226	.7541
Minburn	Cty/27	2910	1746	60.0000	.7059	.8757	.6181
Mountain View	Cty/17	4655	4147	89.0870	1.0000	.8620	.8620
Newell	Cty/4	2235	1371	61.3423	.7217	.8500	.6134
Paintearth	Cty/18	1170	873	74.6154	.8778	.8500	.7462
Parkland	Cty/31	[illegible] 12,380	[illegible] 10401	83.5143	.9825	.8586	.8436
Ponoka	Cty/3	4090	2776	67.8729	.7985	.8940	.7139
Red Deer	Cty/23	6170	5014	81.2642	.9560	.8907	.8515
Smoky Lake	Cty/13	1450	886	61.1034	.7189	.8723	.6271
St. Paul	Cty/19	2270	1840	81.0573	.9536	.9327	.8894
Stettler	Cty/6	1400	784	56.0000	.6588	.8500	.5600
Strathcona	Cty/20	15480	12710	82.1059	.9660	.8684	.8389
Thorhild	Cty/7	1165	782	67.1245	.7897	.8994	.7103
Two Hills	Cty/21	2060	877	42.5728	.5009	.8583	.4299
Vermilion River	Cty/24	2785	2226	79.9282	.9403	.8923	.8391
Vulcan	Cty/2	2235	1113	49.7987	.5859	.8500	.4980
Warner	Cty/5	2260	1539	68.1780	.8021	.9250	.7419
Wetaskiwin	Cty/10	2780	2164	77.8417	.9158	.8715	.7981
Wheatland	Cty/16	3115	2085	66.9342	.7875	.8500	.6693
Acadia	Div/8	1140	616	54.0351	.6357	.8500	.5404
Berry Creek	Div/1	260	138	53.0769	.6244	.8500	.5308
Cardston	Div/2	2245	2329	103.7416	1.0000	.9389	.9389
Crowsnest Pass	Div/63	2115	1377	65.1064	.7660	.9104	.6974
Cypress	Div/4	1310	707	53.9695	.6349	.8500	.5397
Drumheller Valley	Div/62	2045	1375	67.2372	.7910	.8927	.7061
East Smoky	Div/54	2355	1866	79.2357	.9322	.8500	.7924
Fairview	Div/50	2220	1516	68.2883	.8034	.9121	.7328
Foothills	Div/38	6305	4731	75.0357	.8828	.8720	.7698
Ft. Vermilion	Div/52	~~2680~~ 2870	~~2477~~ 2536	92.4254	1.0000	.9103	.9103
High Prairie	Div/48	4600	3497	76.0217	.8944	.9156	.8189
Lac La Biche	Div/51	2785	2121	76.1580	.8960	.9466	.8481
Mount Rundle	Div/64	885	731	82.5989	.9718	.8500	.8260
Neutral Hills	Div/16	940	526	55.9574	.6583	.8500	.5596
Northland	Div/61	3385	2169	64.0768	.7538	.8500	.6408
Peace River	Div/10	3495	2730	78.1116	.9190	.8822	.8107
Pincher Creek	Div/29	1855	1126	60.7008	.7141	.8500	.6070
Provost	Div/33	[illegible] 1190	[illegible] 691	[illegible]	[illegible] .6831	.8500	[illegible]
Rangeland	Div/9	1550	862	55.6129	.6543	.8500	.5561
Rocky Mountain House	Div/15	3420	2923	85.4678	1.0000	.8500	.8500
Rocky View	Div/41	9075	7731	85.1901	1.0000	.8500	.8500
Spirit River	Div/47	2090	1359	65.0239	.7650	.8996	.6882

BEST COPY AVAILABLE

BEST COPY AVAILABLE

Starland	Div/30	591	488	82.7119	.9721	.8500	.8271
Sturgeon	Div/24	4470	4099	93.9274	1.0000	.8864	.8864
Taber	Div/6	3960	2280	57.5758	.6774	.9090	.6157
Three Hills	Div/60	2405	1461	60.7484	.7147	.8628	.6166
Wainwright	Div/32	2530	1604	63.3992	.7459	.8646	.6449
Westlock	Div/37	3045	2259	74.1544	.8724	.9261	.8079
Willow Creek	Div/28	4185	2881	68.8411	.8099	.9050	.7330
Yellowhead	Div/12	6585	4998	75.8998	.8929	.8500	.7590
St. Paul Regional	PSD/1	1125	386	34.3111	.4037	.8960	.3617
Banff	PSD/102	630	401	63.6508	.7488	.8500	.6365
Brooks	PSD/2092	2670	2301	86.1798	1.0000	.9104	.9104
Calgary	PSD/19	108060	78956	73.0668	.8596	.8500	.7307
Camrose	PSD/1315	2420	1910	78.9256	.9285	.8911	.8273
Devon	PSD/4972	1305	945	72.4138	.8519	.9152	.7797
Edmonton	PSD/7	95710	65041	67.9563	.7995	.8500	.6796
Exshaw	PSD/1699	240	160	66.6667	.7843	.8500	.6667
Ft. McMurray	PSD/2833	6210	4969	80.0000	.9412	.8500	.8000
Grande Cache	PSD/5258	1340	1006	75.0746	.8832	.8500	.7507
Grande Prairie	PSD/2357	4690	3804	81.1087	.9542	.8743	.8342
Grovedale	PSD/4910	165	124	75.1515	.8841	.8939	.7903
Jasper	PSD/3063	820	442	53.9024	.6341	.8500	.5390
Lakeland	PSD/5460	3730	3176	85.1475	1.0000	.9106	.9106
Leduc	PSD/297	3230	2763	85.5418	1.0000	.9222	.9222
Legal	PSD/1738	545	419	76.8807	.9045	.9170	.8294
Lethbridge	PSD/51	9405	7851	83.4769	.9821	.8750	.8602
Medicine Hat	PSD/76	7540	6005	79.6419	.9370	.8792	.8238
Red Deer	PSD/104	9255	7216	77.9687	.9173	.8830	.8100
Redcliff	PSD/2283	980	647	71.5227	.8850	.9254	.8004
St. Paul	PSD/2228	1275	781	61.2549	.7206	.8960	.6457
Stettler	PSD/1475	2060	1330	64.5631	.7596	.9000	.6837
Stirling	PSD/647	355	291	81.9718	.9644	.9641	.9298
Swan Hills	PSD/5109	690	417	60.4348	.7110	.8500	.6043
Waterton Park	PSD/4233	50	16	32.0000	.3765	.8500	.3200
Wetaskiwin	PSD/264	2490	2035	81.7269	.9615	.8959	.8643
Whitecourt	PSD/2736	1080	770	71.2963	.8388	.8962	.7517
Barons Consolidated	PSD/8	185	57	30.8108	.3625	.8985	.3257
Falher Consolidated	PSD/69	495	408	82.4242	.9697	.9231	.8951
Lloydminster	PSD/[illegible]	~~3490~~ 3565	~~2940~~ 2980	84.3940	.9928	.8790	.8726
Glen Avon	PSSD/5	630	452	71.7460	.8441	.9003	.7599
St. Albert	PSSD/6	5800	5296	91.3103	1.0000	.9267	.9267
Lloydminster	RCD/[illegible]	955	625	73.0994	.8600	.8829	.7592
Thibault	RCPSD/35	1365	1254	91.8681	1.0000	.9271	.9271
Assumption	RCS/50	120	64	53.3333	.6275	.9056	.5682
Beaverlodge	RCS/68	120	82	68.3333	.8039	.9666	.7771
Bow Island	RCS/82	260	169	65.0000	.7647	.9116	.6971
Calgary	RCS/1	29460	24088	81.7651	.9619	.8618	.8290
Camrose	RCS/60	515	478	92.8155	1.0000	.8948	.8948
Coaldale	RCS/73	285	301	105.6140	1.0000	.9472	.9472
Drayton Valley	RCS/111	475	386	81.2632	.9561	.9327	.8917
Drumheller	RCS/25	310	278	89.6774	1.0000	.9189	.9189
Edmonton	RCS/7	39845	25729	64.5727	.7597	.8530	.6480
Edson	RCS/153	405	388	95.8025	1.0000	.9235	.9235
Fairview	RCS/35	400	352	88.0000	1.0000	.8919	.8919
Fort Saskatchewan	RCS/104	~~3525~~ 1085	~~[illegible]~~ 832	[illegible]	1.0000	.8500	.8500

BEST COPY AVAILABLE

Ft. McMurray	RCS/33	~~[illegible]~~ 3855	~~[illegible]~~ 3693	72.0636	.8478	.8500	.7203
Ft. Vermilion	RCS/26	190	133	70.0000	.8235	.9700	.7988
Grande Prairie	RCS/28	1785	1485	83.1933	.9787	.8916	.8726
Grimshaw	RCS/88	310	232	74.8387	.8805	.9477	.8344
High Prairie	RCS/56	635	475	74.8031	.8800	.9391	.8264
Hinton	RCS/155	355	305	85.9155	1.0000	.8797	.8797
Killam	RCS/49	45	32	71.1111	.8366	.9314	.7792
Lakeland	RCS/150	1600	1255	78.4375	.9228	.9221	.8509
Leduc	RCS/132	715	636	88.9510	1.0000	.9305	.9305
Lethbridge	RCS/9	2750	2268	82.4727	.9703	.8786	.8525
Lloydminster	RCS/89	855	625	73.0994	.8600	.8828	.7592
Manning (Rosary)	RCS/37	235	148	62.9787	.7409	.8860	.6565
McLennan	RCS/30	335	148	44.1791	.5198	.9424	.4898
Medicine Hat	RCS/21	2285	1978	86.5646	1.0000	.8678	.8678
Namba	RCS/96	95	43	45.2632	.5325	.9003	.4794
Peace River	RCS/43	760	657	86.4474	1.0000	.9164	.9164
Picture Butte	RCS/79	260	180	69.2308	.8145	.9284	.7562
Pincher Creek	RCS/18	535	437	81.6822	.9610	.9359	.8993
Ponoka	RCS/95	260	158	60.7692	.7149	.8744	.6251
Provost	RCS/65	380	224	58.9474	.6935	.9178	.6365
Red Deer	RCS/17	2530	1852	73.2016	.8612	.9066	.7808
Rocky Mountain	RCS/131	310	235	75.8065	.8918	.9205	.8209
Sexsmith	RCS/51	165	120	72.7273	.8556	.9426	.8065
Sherwood Park	RCS/105	3380	2688	79.5266	.9356	.9167	.8577
Spirit River	RCS/36	120	67	55.8333	.6569	.9097	.5975
Spruce Grove	RCS/128	690	533	77.2464	.9088	.9459	.8596
Stony Plain	RCS/151	215	295	137.2093	1.0000	.9372	.9372
Taber	RCS/54	750	539	71.8667	.8455	.9058	.7658
Theresetta	RCS/22	215	105	48.8372	.5746	.9269	.5326
Valleyview	RCS/84	585	216	36.9231	.4344	.9092	.3949
Vegreville	RCS/16	475	374	78.7368	.9263	.8648	.8011
Vermilion	RCS/97	425	302	71.0588	.8360	.8738	.7305
Wainwright	RCS/31	355	279	78.5915	.9246	.9243	.8546
Westlock	RCS/110	475	443	93.2632	1.0000	.9992	.9992
Wetaskiwin	RCS/15	405	369	91.1111	1.0000	.9466	.9466
Whitecourt	RCS/94	715	596	83.3566	.9807	.9240	.9062

APPENDIX J

Energy Conservation Data/Information

J 1. Documentation Manual

J 2. Energy Budgets for Schools by Jurisdiction, 1982 - 1984

(where: revisions will include 1985 data:
area = sq. m. of all schools in jurisdiction:
E = $ cost of electrical energy consumed:
G = $ cost of natural gas consumed)

BEST COPY AVAILABLE

ENERGY USE PROGRAM

VERSION 2.1

DOCUMENTATION MANUAL

Energy Conservation Project
School Buildings Services Branch
Alberta Education

9th Floor, West Tower
Devonian Building
11160 - Jasper Avenue
Edmonton, Alberta, T5K 0L2
(403) 427-2973

(DMC-SBS-850926)

Table of Contents

Page

INTRODUCTION 1

BACKGROUND 1

Fuel Billing 1
Electrical Billing 2
Water Billing 3
Weather 3
Annual Energy/Cost Performance Figures 3

PROGRAM USE 4

Starting Out 4
1. Create New School File 4
2. Update/Change School File 9
3. Create New Weather File 10
4. Update/Change Weather File 10
5. Compute Energy/Cost Performance 10
6. Convert File to Extended Format 13
7. Quit 13

HELPFUL HINTS 14

Disk Storage 14
Accidental Key Punches 14
Other Errors 14

APPENDICES

Appendix 1 - Sample Energy Use Input Data Form 16
Appendix 2 - Sample School Input 17
Appendix 3 - Sample School Output 18
Appendix 4 - Sample "School By School Comparison" Output 19
Appendix 5 - Blank Energy Use Input Data Form 20

ENERGY USE PROGRAM

INTRODUCTION

The ENERGY USE program was created to assist school boards in the Province of Alberta to evaluate the performance of their schools from a utility usage standpoint. Because of escalating energy costs, as well as the implementation of the province-wide Energy Conservation Project, more school boards are aware of the significance of monitoring and reducing fuel, electricity, and water usage. Use of this program can help to identify schools that have high potential for energy savings.

The ENERGY USE program is designed to run on an Apple II microcomputer or compatible unit, with at least 48K of memory and one disk drive. A printer is desirable, but is not necessary.

Use of the program will allow personnel in the school board office to keep track of monthly utility bills, and produce information that will give early warning of trends and problem areas. Consistent use will ensure that billing problems due to the utility companies' errors do not go unnoticed. Results from energy conservation measures in schools can be verified and reported to school board trustees, administration, and the public at large.

Extra copies of this program can be generated using the COPYA program supplied on the Apple II System Master diskette. The ENERGY USE program is non-proprietary and can be used, copied and distributed by a school board for their own internal use as required.

The balance of this manual gives instruction on how to input utility information, as well as how to interpret the results. If there are questions or problems regarding the use of the program, get in touch with the Energy Consultant in the nearest Alberta Education Regional Office or the School Buildings Services Branch, Edmonton.

BACKGROUND

Fuel Billing

Almost all schools in the Province of Alberta rely on natural gas for space heating and domestic hot water heating. In most cases, bills are sent monthly from the natural gas supplier, and contain as a minimum the following information:

1. Meter readings
2. Amount consumed
3. Date of meter readings
4. Whether amount was actual or estimated
5. Cost for that month
6. Conversion factor (if applicable)

Items number 2 and 6 are required by the ENERGY USE program, with number 5 being desirable but not necessary.

Most natural gas utilities (such as Northwestern Utilities, Canadian Western Natural Gas or I.C.G. - formerly Plains Western) will supply a computer printout of the Billing History for the previous thirteen months' consumption. This is helpful when entering the base line data.

At present, natural gas is billed in one of the following energy units:

1. Thousands of cubic feet (MCF)
2. Gigajoules (GJ)
3. Therms

The units that the school is being billed in should be shown on the bill. If units are not shown, then contact your natural gas company. If you are being billed in MCF, you will need to supply the conversion factor from MCF to GJ. This conversion factor relates the heat content of a volume of natural gas.

Sometimes the gas company does not read the meter monthly, or perhaps for some other reason the consumption for one or two months is lumped onto one bill (called a multi-month bill). In this instance, a "?" should be entered into the program for each month there is no reading. The missing month's data is calculated using the degree days (discussed later) in the appropriate weather file. The "?" can also be entered for missing cost data.

Unfortunately, utility bills are not all read at the same time each month. The convention most often used is that if most months the meter was read before the 15th of a month, then that bill refers to the PREVIOUS month. If a meter is read on the 15th or after, then it refers to the CURRENT month. For example, if one month's gas consumption is up to March 12, 1983, then that consumption is deemed to have occurred in the month of February, 1983. If the bill was for October 19, 1982, then the consumption is assumed to be for the month of October 1982. This convention is also used for electrical and water billing, but in any case the most important thing is to remain consistent.

Electrical Billing

Electricity use comprises approximately ten to twenty percent of a school's total energy use, but often costs more than the natural gas consumed. Typically, electricity is five times as expensive as natural gas for an equivalent amount of energy.

Bills are rendered every one, two or three months, depending upon the electric company. If your bills are produced once a month, then entering the data is no problem. If the bills are of the multi-month type, then using the "?" character (as with natural gas) will tell the computer to calculate values for the missing months. The "?" can also be entered for the demand and cost. Electrical bills include consumption and demand components.

All electrical consumption is measured in kilowatt-hours (kWh), and this amount is shown on the utility bill. All but the smallest accounts will have a demand portion. Electrical demand is measured in either kilowatts (kW) or kilovolt-amps (kVA) and will be specified on the bill. The electrical demand shows the peak rate at which electrical power was being used in the school during that billing period. That peak rate is also used to calculate the cost, and so it is important to keep track of it. Typically, a bill will show a billing demand, a minimum demand, and a registered demand. For the purposes of the ENERGY USE program, the registered demand, if shown on the bill, is the desired figure.

Most electric utilities (such as TransAlta Utilities, Alberta Power or municipal electric systems) will provide a thirteen month Billing History on request.

Water Billing

This section is applicable only to those schools that pay for their water from a municipality. Schools that are on individual well pumping systems do not usually have metering installed, and the cost of the pumping is included in the electrical bill.

Water bills come in a large variety because each town usually has its own format and billing system. However, bills are usually rendered in one of the following units:

1. Gallons (or some multiple thereof)
2. Litres
3. Cubic metres (CU.M)
4. Cubic feet (CU.FT)

The monthly consumption and cost is entered into the program, with the "?" being used for missing data due to multi-month billing if necessary.

Entering water usage and cost into the program is optional, but is recommended if the necessary bills are available. Sewer costs, if included on the bill, should also be added in as part of the water cost.

Weather

When the weather is colder a school will consume more fuel because heat loss is greater with lower outside temperatures. When the outside temperature goes below 18 degrees Celsius, some form of heating must be brought on in most buildings. Weather offices keep track of how much the daily average temperature goes below 18°C. Termed a "degree day", these values are totaled each month, and are available from most weather offices. The monthly degree day figures are used by the ENERGY USE program to take into account the effect of weather on natural gas use as well as to calculate missing data. The effect of weather on electrical and water consumption in a school building is normally very slight, so these utilities do not depend on degree days for interpretation.

Annual Energy/Cost Performance Figures

In order to assess a particular school's energy efficiency, a rating system has been devised. As automobiles are graded according to miles per gallon or litres per 100 kilometres, buildings are graded on the basis of annual energy usage per unit area or MEGAJOULES PER SQUARE METRE PER YEAR, abbreviated MJ/m^2 per year. Annual utility costs are evaluated using DOLLARS PER SQUARE METRE PER YEAR, or \$/m^2 per year. In both instances, the lower the figure, the more energy or cost efficient the school is operating.

To rate individual schools, energy use standards have been developed based on previous experience. Presently in the Province of Alberta, the average school consumes about 1500 MJ/m^2 annually, of which about ten percent or 250 MJ/m^2 is due to electricity consumption, and 1250 MJ/m^2 due to natural gas. As a guideline, existing schools should try and operate below 1250 MJ/m^2, and new schools should be under 900 MJ/m^2.

Particularly inefficient schools (in the 2000-3000 MJ/m^2 range) have a large potential for energy savings. Existing schools operating below 1000 MJ/m^2

typically offer few opportunities for further reduction. Therefore, if a school board can assess where each of its buildings operate relative to each other, as well as to schools in other jurisdictions, they will know which schools require close attention. Trends such as increasing or decreasing consumption patterns can also be evaluated.

Because of rapidly changing utility costs, average costs per square metre are quite variable. These values are provided by the program for comparative purposes between different schools to point out which schools cost the most for energy. Schools are billed on electric demand so that one school with a lower energy usage per square metre may actually cost more than another with a higher energy usage.

In 1984 the average cost to operate a school was about \$8.00/m^2 and could range between \$4.00/m^2 to \$14.00/m^2.

Program Use

Starting Out

To start the program running, simply insert the supplied diskette into drive number 1 and turn the power to the computer on. The red light on the drive will come on, and presently a header displaying "ENERGY USE PROGRAM" will appear on the screen. After the disk drive light goes out, you will see a program menu:

```
                    *** ENERGY USE PROGRAM ***
                           VERSION 2.0

SELECTION MENU...

     1.    CREATE NEW SCHOOL FILE
     2.    UPDATE/CHANGE SCHOOL FILE
     3.    CREATE NEW WEATHER FILE
     4.    UPDATE/CHANGE WEATHER FILE
     5.    COMPUTE ENERGY/COST PERFORMANCE
     6.    CONVERT FILE TO EXTENDED FORMAT
     7.    QUIT

WHICH FUNCTION DO YOU WANT (1-7)?
```

This selection list is known as the main menu. From here you can access any of the program's features. The entire program is menu driven, with only a letter or number required to select a feature. Questions that ask for a yes or no answer can be satisfied by YES, NO, as well as Y and N.

Information is stored on a diskette in the form of files, and each file has a unique name.

1. Create New School File

Pressing option 1 on the main menu allows you to create a file containing past utility information for a school. Using a blank form such as that shown on page 16, monthly utilities can be easily tabulated, and then entered into the program. Throughout this document, we will be using the data shown on page 17 as an example.

Some schools may have more than a single gas, electric, or water meter and one sheet can be used for each separate account number. A final sheet containing the totals of all applicable accounts for a single school should be kept, and this sheet would be the one to have its information transferred to the computer program.

After selecting option 1, the screen will clear, and you will be asked to supply the following information:

1. School name
2. School district name
3. Nearest weather station
4. Original area in square metres
5. Month and year of first data to be entered

The school name must not be one that has been previously used or over fifteen letters long, or an error message will result. The name of the nearest weather station must be one of the files on the program disk. If you enter the name of a weather station that is not on the diskette, an error message will result. (More on weather files on page 10). The gross area of the school is easily obtained by adding up the gross areas of each section of the school shown on the Alberta Education small scale plans.

The month and year of the first data to be input should be at least 24 months previous to the latest bills available. Note that only 48 months of utility data for each school can be stored on the diskette. If you try to enter more than four years of data, the earliest values entered are deleted. Also, the program responds with an error message if a year previous to 1980 is entered. The program recognizes the first three letters of a month's name, and the last two numbers in a year. For example, if you wanted to start entering data at February 1982, you would simply type FEB 82 in response.

After entering in that data, again the screen will clear, and you will see:

```
                    FUEL DATA ENTRY

     IS FUEL DATA GIVEN IN:

          1.   GIGAJOULES (GJ)
          2.   1000 CUBIC FT 'MCF)
          3.   THERMS
          4.   OTHER

     ENTER APPROPRIATE NUMBER (1-4)
```

As mentioned above, the applicable units should be shown on the bill. If you answer either 2 or 4, then you will also be asked for a conversion factor to gigajoules. If a conversion factor is not shown on the bill, and not available from your natural gas utility, enter 1. If you selected item 4, you will also be prompted to supply a descriptive unit name.

Next the program asks for the month by month fuel bills, starting at whatever month was specified. Using data from the example (page 17), the input procedure would look like this:

```
ENTER FUEL DATA IN THE FOLLOWING ORDER:

     MONTH'S FUEL CONSUMPTION (RET)
     MONTH'S FUEL COST (RET)


MONTH               MCF             $$$

JUN 81              300             676
 JUL 81              ?               ?
AUG 81              ?               ?
 SEP 81              21             171
    .
    .
    .
 JAN 83             568            1716
 FEB 83             519            1551
MAR 83

IS ALL DATA CORRECT?
```

Note that question marks were inserted for those months that data was not available because it was added into a subsequent bill. Do not enter a question mark as the last item of information, since the program requires subsequent figures in order to calculate the missing month's data. Also note that only 21 months of data were entered - a blank line signified the end of the data. The blank line is generated by pressing the return key (RET) only.

The change in units from MCF to GJ as of December 1981 was done by entering a "U" when the program prompted for DEC 81 data. After pressing "U", the program asks for the appropriate unit shown on the screen. All subsequent data entered is assumed to be in the new units specified.

Provision for recording area changes in the ENERGY USE program has been provided. If a school has had an area change during the period that utility data is entered, the new area can be included for greater accuracy in the program. In order to enter an area change, you must do it in the FUEL INPUT section, either during the initial data entry, or during an update.

To signify an area change, enter an "A" instead of a fuel quantity for that month a change is recorded. You then will be requested to type in the new area (in square metres). Enter the new TOTAL school area, not just the incremental area change.

The area change(s) will later be shown on the header, similar to the example below:

```
        *** ENERGY USE ***
EXAMPLE SCHOOL DIVISION #999

SCHOOL NAME:  CITY HIGH SCHOOL
WEATHER STATION:  RED DEER
ORIGINAL AREA:  3560.2 SQUARE METRES
AUG 82:  4129.1 SQUARE METRES
```

The updated area will be used to calculate energy and cost performances and is therefore a very important figure. Up to ten area changes per school are permitted if required, with the only restriction being that they MUST be entered in chronological order. Thus if there are area changes in a school as of November 1981 and July 1983, the 1981 figure has to be input before the 1983 area change. This routine can also be accessed when updating a school file, but must be done in the fuel input section.

Usually, fuel, electricity and water figures are entered starting at the same month. However, sometimes you may want to start entering fuel data for SEP 83, but only have electrical data starting several months later. Enter "N" instead of a number for each of the missing months of electrical consumption. "N" means "no data". Do not enter zero for unavailable data; the program treats zero as a legitimate value and will result in an inaccurate output.

If you answered NO to the question "IS ALL DATA CORRECT?" you would be asked to indicate which month and year were to be corrected. If you answered YES, then the next section (electrical data input) is shown.

The input required for the electrical section is similar in format to that required for the fuel, with the exception that now electric demand is an additional item. Similar to the fuel input, electrical units must be specified for demand (kilowatt-hours are assumed for consumption):

```
                    ELECTRICITY DATA ENTRY

         IS ELECTRICAL DATA GIVEN IN:

         1.    KILOWATTS (KW)
         2.    KILOVOLT-AMPS (KVA)

         ENTER APPROPRIATE NUMBER (1-2)
```

The correct information should be printed on your bill, however, if it isn't, assume kilowatts (KW). Unlike the fuel input, there is no facility for changing units by pressing "U".

Next, you are asked to input electrical data, again starting from the same date as before:

```
         ENTER ELECTRICAL DATA IN THE FOLLOWING ORDER:

              MONTH'S ELECTRICAL CONSUMPTION (RET)
              MONTH'S ELECTRICAL DEMAND (RET)
              MONTH'S ELECTRICAL COST (RET)

         MONTH        KWH         KW        $$$

         JUN 81        ?           ?         ?
         JUL 81      32960        88       1934
         AUG 81        ?           ?         ?
         SEP 81      17600        86       1363
            .
            .
            .
         FEB 83        ?           ?         ?
         MAR 83      32000        107      2901
         APR 83
```

IS ALL DATA CORRECT?

As before, if you made a mistake or two, answering NO will allow you to correct them. After answering YES, the next section (water data input) starts:

WATER DATA ENTRY

IS WATER CONSUMPTION MEASURED IN:

1. IMPERIAL GALLONS (GAL)
2. LITRES
3. CUBIC METRES (CU.M)
4. CUBIC FEET (CU.FT)
5. NO DATA ENTRY DESIRED

Responding with a "5" assumes that you have no water data to enter, and the program will go to the section that stores data onto the diskette. Otherwise, you just have to respond with the applicable number.

The input for the example will look like:

ENTER WATER DATA IN THE FOLLOWING ORDER:

MONTH'S WATER CONSUMPTION (RET)
MONTH'S WATER COST (RET)

```
MONTH         GAL          $$$

JUN 81        91000        280
JUL 81        80000        240
AUG 81        100000       310
   .
   .
   .
FEB 83          273        229
MAR 83          304        267
APR 83
```

IS ALL DATA CORRECT?

As with the fuel entry, a change in units is communicated by entering a "U" for the month that the change is effective.

After all data is entered, the data then is stored automatically onto the program diskette. You should not insert any other diskette as the program will not work properly. The disk writing routine looks as follows:

DISK WRITING ROUTINE

MAKE SURE THE PROPER DISKETTE IS
INSERTED IN THE DISK DRIVE.

PRESS (RET) WHEN READY TO PROCEED

After pressing (RET), the screen will flash a message, and the disk drive light will be on while the data is being stored. When the writing is complete, the program returns to the main menu.

2. Update/Change School File

After a file has been inputted on to the diskette, you may find afterward that you made a mistake in inputting, or that the file needs updating with recently acquired data. To accomplish these needs, option 2 from the main menu allows you to update or change the data. After selecting option 2 from the menu, you will see a listing of all available files of the disk. Simply press the number of that school file to load it into active memory. After the disk drive light goes out, you will see:

DO YOU WANT TO UPDATE/CHANGE . . .

1. INITIAL DATA
2. FUEL DATA
3. ELECTRICAL DATA
4. WATER DATA
5. ALL OF THE ABOVE
6. SAVE PRORATED DATA ON DISK

ENTER APPROPRIATE SELECTION (1-6)

The information contained under the initial data section are the school name, school jurisdiction name, weather station, area, and first month of data. In order to change any of the parameters listed, simply answer NO to the "IS ALL DATA CORRECT?" question.

Similarly, data can be changed for the fuel, electrical, and water sections separately. If desired, you can conveniently update all items by selecting option 5. All data that was entered, including "?" and changes in units, will be shown.

If you wish to update the file, you can only update one month at a time once the file contains 48 months of information. For example, if a school file contains information from APR 80 to MAR 84, you will not be able to enter data for MAY 84 or any later months, until data for APR 84 is entered. When updating files that have 48 months of data in them, do not be surprised if a slight delay occurs, as the computer is rearranging data. After you have finished updating or changing the data as necessary, you can store the revised data file on the diskette.

The program presently has the ability to calculate missing data by entering a "?" instead of a utility consumption or cost. However, since the program only retains the latest 48 months of data, previously input data can be lost, which will result in errors if extensive use has been made of the "?" option. In order to maintain accuracy, a routine called "save pro-rated data", allows the calculated consumptions and costs to be saved on disk if desired. If this option is used, it will write over the previous information, however, further utility use updates are entered in the normal manner.

3. Create New Weather File

The program disk is originally supplied with degree day data for eleven centres in the province:

	Location	Telephone
1.	Calgary	275 3300
2.	Peace River	624 3308
3.	Grande Prairie	532 2642
4.	Cold Lake	594 8003
5.	Edmonton	437 1250
6.	Red Deer	336 ~~[illegible]~~ 3183
7.	Lethbridge	327 4334
8.	Medicine Hat	526 3040
9.	Ft. McMurray	743 2698
10.	Lloydminster	875 3318
11.	Coronation	578 3545

Rocky Mtn House
845-4547

If desired, you can insert the degree day data for a more suitable location if the above sites are too distant. Please be aware that there are only about twenty centres in the province that compile degree day data, so it may be advisable to use one of the above locations.

Entering data for a weather file is very similar to entering utility data, except that you are prompted for up to 60 months of data. Ensure that the name of the new weather station is not the same as an existing one. Also, do not try and delete unused weather files off the diskette; they take up relatively little disk space.

4. Update/Change Weather File

As pointed out before, the degree day file is used to assist in calculating missing fuel data, and to help in interpreting energy performance figures. Therefore, the stations that are named in your school file MUST be kept updated. If you have a school file with utility information up to April 1983, then the corresponding weather file must also have degree day data to April 1983. For example, if you use the Cold Lake and Edmonton weather files, you must keep them updated; however, the other files do not have to be updated since you are not making use of them.

Weather offices produce monthly degree day figures during the first week of each month. As well, all energy consultants keep track of degree days for weather stations in their region.

5. Compute Energy/Cost Performance

This routine is the heart of the ENERGY USE program in that it produces tables that show a school's efficiency from both an energy usage and cost standpoint. The complete output for the example school starts on page 18.

After selecting option 5 from the main menu, the screen will show:

```
        ENERGY/COST PERFORMANCE ROUTINE

    SELECTION MENU . . .
        1.   UTILITY USAGE
        2.   BUILDING ENERGY PERFORMANCE
        3.   UTILITY COST PERFORMANCE
        4.   ALL OF THE ABOVE
        5.   SCHOOL BY SCHOOL COMPARISON
        6.   COST AVOIDANCE
        7.   ANNUAL SUMMARY

    WHICH FUNCTION DO YOU WANT (1-7)?
```

Selecting option "1" will simply print out a listing of the utilities entered in for that school, with all "?" items being computed, and fuel and water consumptions converted to gigajoules and cubic metres, respectively. Option "2" prints out the energy performance figures for the most recent 36 months for a school, giving a MJ/m^2 breakdown by fuel, electrical, and total. At least twelve months of data must be in the file in order to produce energy performance figures. Water consumption is not analyzed. Option "3" will print out the corresponding cost per square metre for fuel, electrical, water (if applicable), and the total. Option "4" will produce all the above information. Option "5" will calculate the energy performance and cost figures for each school contained on the diskette, and then rank order them from best to worst. Option "6" produces a table giving the avoided cost (or cost savings) of a school due to an energy conservation program. The last option gives a utility and cost summary in twelve month blocks for year to year comparison.

If you select either options 2 or 4, you will be asked if you want weather proration. Weather proration recalculates the input fuel data to take into account the prevailing weather as contained in the degree day file. Thus, seemingly encouraging drops in energy performance figures may have been due to a sustained spell of mild weather. The prorated performance figure is more accurate than the non prorated figure for showing trends in energy usage. However, because the fuel data is recalculated, the numbers produced are not valid indicators of present energy use. A weather prorated listing is denoted by an asterisk (*) after the weather station name.

Option 5 allows comparing schools in several areas. After requesting the school by school comparison, you will see:

```
    SELECT DESIRED COMPARISON . . .

         1.   FUEL ENERGY PERFORMANCE
         2.   ELECTRICAL ENERGY PERFORMANCE
         3.   TOTAL ENERGY PERFORMANCE
         4.   FUEL COST PERFORMANCE
         5.   ELECTRICAL COST PERFORMANCE
         6.   WATER COST PERFORMANCE
         7.   TOTAL COST PERFORMANCE
         8.   FUEL COST AVOIDANCE
         9.   ELECTRICAL COST AVOIDANCE
        10.   TOTAL COST AVOIDANCE
        11.   ALL OF THE ABOVE

    WHICH COMPARISON DO YOU WANT (1-11)?
```

Pressing number 5 for instance, will rank the schools in order of electrical cost per square metre, in order from lowest to highest. Option 11 will have all ten possible comparisons done.

After selecting the appropriate option, you are asked which schools are to be analyzed. You will see a listing similar to the following:

```
AVAILABLE DATA FILES ARE:

        1.    CENTRAL HIGH
        2.    MEMORIAL
        3.    SAMPLE SCHOOL
        4.    CENTRAL ELEM

ENTER START OF RANGE (1-4)
```

Whichever number you press will determine at which school the program starts analyzing. After you have made your selection, you will then see the following:

```
AVAILABLE DATA FILES ARE:

        2.    MEMORIAL
        3.    SAMPLE SCHOOL
        4.    CENTRAL ELEM
        5.    CITY JR HIGH

ENTER END OF RANGE (2-5)
```

Your next choice defines the end of the range. For the given example, if you have selected 2 for the start of the range, and 4 for the end of the range, you will get a comparison between just Memorial School, Sample School, and Central Elem. To analyse all five schools, you would specify 1 and 5 for this example.

If a particular school has insufficient data to calculate a performance figure, then no figure will be printed, and that school will not be used to calculate the average performance figure. If all schools selected have insufficient data, such as asking for a comparison of water costs when none have any data, you will see the following error message after the listing:

```
ALL SCHOOLS HAVE INSUFFICIENT DATA.
AVERAGE VALUE CANNOT BE CALCULATED.
```

Following is an example of the output from this program.

```
          * * * SCHOOL BY SCHOOL COMPARISON * * *

                     ELECTRICAL COST

                  * * * MOST EFFICIENT * * *

          1.   CENTRAL ELEM            2.14 $/m2
          2.   SAMPLE SCHOOL           3.57 $/m2
          3.   MEMORIAL                3.78 $/m2
          4.   CITY JR HIGH            5.96 $/m2
          5.   CENTRAL HIGH                 $/m2

                 * * * LEAST EFFICIENT * * *

                 AVERAGE COST:  3.76 $/m2
```

The displayed average is a weighted average calculated using the area of the school, and its performance figure. The blank after Central High denotes that there was not enough data to calculate an electrical cost performance figure, and the average cost shown will be the weighted average of the first four schools.

For all of the available options, you will also be asked if you want a printout. Assuming you have a printer connected to slot #1 of the computer, you can output any of the energy/cost performance information to the printer. If you do not have a printer, do not answer YES to this question, or the program will stop executing.

Item 6, Cost Avoidance, can be used to track the savings associated with an energy saving retrofit. The concept of cost avoidance is to determine the extra cost you would have had to incur if you had not done the energy saving retrofit. The input required is a base year for electrical and fuel energy performance (this can be estimated from your historical output). The program then compares your current energy performance to the base energy performance and calculates how much extra you would have had to pay if you were still operating at the base year energy performance index. Item 7 is useful to indicate the annual energy and cost figures over the period of your data base (see sample output data).

6. Convert File to Extended Format

Older versions of the ENERGY USE program utilized only 24 months of data instead of 48. If you have used an older version, you can convert your data files to the 48 month version using this option. However, weather files are NOT converted; you will have to enter them from scratch using option 3 to convert them to the 60 month version required. You only have to reenter those weather files you need.

7. Quit

After you are finished using ENERGY USE and wish to use the computer for other purposes, pressing 7 from the main menu will exit you from the program. If you wish to restart the program, you will have to reboot the disk.

HELPFUL HINTS

Several problems are likely to crop up during use of the program until you are thoroughly familiar with it. In order to take care of most foreseeable problems, this section is designed to answer the most common questions.

Disk Storage

The ENERGY USE program stores all data as integers on the disk, so it is not necessary to type in any decimals. For instance, if the cost of electricity one month is $2342.92, enter in 2343. Decimal numbers are automatically rounded by the program.

The disk as supplied has room for approximately seventy school files. As this is ample for all but the largest jurisdictions, it is unnecessary, and in fact inadvisable, to use additional diskettes for storing data files. However, a backup copy should always be maintained, utilizing the COPYA program on the System Master diskette.

Accidental Key Punches

If you accidentally press the RESET button, you can possibly resume operation of the program by typing CONT (RET). However, you might get an error message, and if you enter CONT again, you receive the message "?CAN'T CONTINUE ERROR". In this case you can restart the program by typing RUN (RET), although whatever you had been doing last will be lost.

If for any reason in the middle of some operation you wish to stop execution and return to the main menu, simply press CTRL-C by simultaneously holding down the key marked "CTRL" and the "C" key. You will hear the computer beep (the error indicator) and see the message:

```
CTRL-C HAS BEEN PRESSED

DO YOU WANT TO QUIT
```

Answering anything but YES will return you to the main menu, where you can select a new option.

Other Errors

In order that the program be as user-friendly as possible, a number of typical errors have been accounted for in the program. These errors include:

1. The computer has run out of available memory.
2. Trying to do a school by school comparison with only one school.
3. Trying to write to a write protected disk.
4. Trying to access a nonexistent file.
5. Leaving the disk drive door open.
6. Trying to save data on an uninitialized disk.
7. The diskette is flawed.
8. Specified file has been locked.
9. Diskette is full.
10. Weather file is not properly updated.

For instance, if you left the disk drive door open, you might receive the message:

```
DISK DRIVE DOOR IS OPEN, DISK IS NOT
INITIALIZED, OR DISK IS BAD


DO YOU WANT TO QUIT?
```

Similar to a CTRL-C, pressing anything but YES or Y will return you to the main menu.

It is possible that an error might occur that has not been accounted for in the program. In that case you could see a message similar to the following:

```
ERROR NUMBER 16 HAS OCCURRED IN
LINE 5280. PLEASE CONTACT ENERGY CONSERVATION
PROJECT, SCHOOL BUILDINGS SERVICES BRANCH
(427-2973)

DO YOU WANT TO QUIT?
```

If you should obtain a message like that, record the error and line numbers, along with the circumstances, and contact a member of the Energy Conservation Project at the telephone number shown.

APPENDIX 1

Sample Energy Use Input Data Form

Sc[illegible] na[illegible] [illegible]   S[illegible] d[illegible]ct [illegible]

Weather station CALGARY   Gross area 3839 square metres

Fuel unit change - Date DEC 81 Units → GJ   Water unit change - Date JUN '82 Units → CU. M.

Fuel account # 1234   Electrical account # 5678   Water account # 9012

FUEL CONVERSION FACTOR FROM MCF → GJ = 0.995

			Units	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Year 1981	Fuel	Consump	MCF						300	?	?	21	444	436	927
		Cost	$						676	?	?	171	1049	987	2009
	Elect	Consump	kWh						?	32960	?	17600	?	28800	?
		Demand	kW						?	88	?	86	?	93	?
		Cost	$						?	1934	?	1363	?	2135	?
	Water	Consump	gallons						91000	80000	100000	112400	94200	59500	52500
		Cost	$						280	240	310	324	297	192	185

			Units	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Year 1982	Fuel	Consump	GJ	788	889	573	417	159	89	?	85	100	311	546	816
		Cost	$	1741	2282	1474	1074	415	234	?	244	316	961	1678	2480
	Elect	Consump	kWh	43200	?	44800	?	46400	?	28800	?	12000	?	31200	?
		Demand	kW	96	?	110	?	112	?	98	?	72	?	101	?
		Cost	$	2760	?	3276	?	3367	?	2393	?	1430	?	2710	?
	Water	Consump	gallons	47600	52300	71900	70600	65500	420	458	498	512	432	173	239
		Cost	$	170	186	220	218	212	312	351	387	405	328	167	215

			Units	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Year 1983	Fuel	Consump	GJ	568	519										
		Cost	$	1716	1551										
	Elect	Consump	kWh	46400	?	32000									
		Demand	kW	106	?	107									
		Cost	$	2714	?	2901									
	Water	Consump	m^3	229	273	304									
		Cost	$	210	229	267									

BEST COPY AVAILABLE

APPENDIX 2

Sample School Input

*** ENERGY USE ***
WETASKIWIN PSD# 264

SCHOOL NAME: WETASKIWIN COMP
WEATHER STATION: EDMONTON INT A
ORIGINAL AREA: 12669 SQUARE METRES

### *** FUEL USAGE ***

MONTH	GJ	$$$	DEG-DAYS
JAN 81	1,437	2,659	681
FEB 81	1,918	3,511	654
MAR 81	1,349	2,521	511
APR 81	1,127	2,150	373
MAY 81	586	1,189	159
JUN 81	337	713	105
JUL 81	72	186	39
AUG 81	12	52	21
SEP 81	200	465	154
OCT 81	1,232	2,709	400
NOV 81	1,330	2,783	549
DEC 81	2,076	4,345	896
JAN 82	2,982	6.301	1.278
FEB 82	2,715	6.824	957
MAR 82	1,383	4.765	834
APR 82	1,427	3,637	557
MAY 82	550	1,650	246
JUN 82	358	992	94
JUL 82	91	334	64
AUG 82	99	372	159
SEP 82	583	1,716	220
OCT 82	1,219	3,572	416
NOV 82	1,896	5.482	804
DEC 82	2,055	5,853	849
JAN. 83	2,205	6,291	876
FEB 83	2,686	7,435	740
MAR 83	2,016	5,611	696
APR 83	936	2,671	396
MAY 83	721	2,085	252
JUN 83	163	564	138
JUL 83	63	291	52
AUG 83	51	242	61
SEP 83	756	778	289
OCT 83	1,092	2.761	415
NOV 83	1,683	4,188	666
DEC 83	2,373	5.728	1,163
JAN 84	2,587	6.248	786
FEB 84	1,607	3,902	600
MAR 84	1,556	3,718	652
APR 84	475	1,216	363
MAY 84	116	1,248	286
JUN 84	50	541	124
JUL 84	49	229	63
AUG 84	75	302	63
SEP 84	928	2,370	312
OCT 84	1,606	4,062	508
NOV 84	2,409	6,394	838
DEC 84	2,562	7.055	1.081

*** ELECTRICITY USAGE ***

MONTH	KWH	KW	$$$
JAN 81	51,787	223	2,489
FEB 81	58,320	223	2,598
MAR 81	58,320	223	2,598
APR 81	72,360	223	2,484
MAY 81	72,360	223	2,484
JUN 81	32,220	223	2,054
JUL 81	32,220	223	2,054
AUG 81	30,600	223	2,285
SEP 81	30,600	223	2,285
OCT 81	43,740	252	1,726
NOV 81	43,740	252	1,728
DEC 81	62,100	266	2,988
JAN 82	62,100	266	2,988
FEB 82	61,560	223	3,198
MAR 82	61,560	223	3,198
APR 82	69,120	223	2,886
MAY 82	69.120	223	2,886
JUN 82	46.800	201	2,663
JUL 82	46.800	201	2,663
AUG 82	27,900	244	2,615
SEP 82	27,900	244	2,615
OCT 82	62,360	244	3,169
NOV 82	62, 80	244	3,169
DEC 82	56, 90		3,050
JAN 83	56, 30		3.050
FEB 83	70,560		3,562
MAR 83	70,560		3,562
APR 83	48,960		3,222
MAY 83	48,960		3,222
JUN 83	39,240		2,941
JUL 83	39.240		2,941
AUG 83	27,360		2,837
SEP 83	27,360		2,837
OCT 83	58,140		3,582
NOV 83	58,140		3,582
DEC 83	55,620		3,729
JAN 84	55,620		3,729
FEB 84	64,440		4,118
MAR 84	64,440		4,118
APR 84	57,600		4,028
MAY 84	57,600		4,028
JUN 84	70,560		4,018
JUL 84	18,000		3,012
AUG 84	18,000		3,012
SEP 84	60,480		3,885
OCT 84	61,920		3,813
NOV 84	66,240		3,961
DEC 84	69,840		4,009

*** WATER USAGE ***

MONTH	CU.M	$$$
JAN 81	541	225
FEB 81	541	225
MAR 81	541	225
APR 81	541	225
MAY 81	541	225
JUN 81	541	225
JUL 81	541	225
AUG 81	541	225
SEP 81	541	225
OCT 81	541	225
NOV 81	541	225
DEC 81	541	225
JAN 82	638	346
FEB 82	635	256
MAR 82	635	256
APR 82	595	240
MAY 82	595	240
JUN 82	430	207
JUL 82	430	207
AUG 82	540	225
SEP 82	540	225
OCT 82	187	77
NOV 82	167	77
DEC 82	329	135
JAN 83	329	135
FEB 83	329	135
MAR 83	585	242
APR 83	585	242
MAY 83	760	345
JUN 83	760	345
JUL 83	360	182
AUG 83	360	182
SEP 83	610	284
OCT 83	610	284
NOV 83	618	316
DEC 83	618	316
JAN 84	579	327
FEB 84	579	327
MAR 84	684	345
APR 84	684	345
MAY 84	553	351
JUN 84	553	351
JUL 84	410	433
AUG 84	410	433
SEP 84	487	314
OCT 84	487	314
NOV 84	585	370
DEC 84	585	370

APPENDIX 3

Sample School Output

Energy Performance Index*

Cost Performance Index

Cost Avoidance*

Annual Utility Summary

Weather Prorated*

*** ENERGY PERFORMANCE INDEX ***
WETASKIWIN. FSD# 264

SCHOOL NAME: WETASKIWIN COMP
WEATHER STATION: EDMONTON INT A*
ORIGINAL AREA: 12669 SQUARE METRES

YR ENDING MONTH	FUEL MJ/M2/YR	ELECT MJ/M2/YR	TOTAL MJ/M2/YR
DEC 81	922	167	1,089
JAN 82	938	170	1,108
FEB 82	932	171	1,103
MAR 82	913	172	1,084
APR 82	896	171	1,067
MAY 82	874	170	1,044
JUN 82	879	174	1,053
JUL 82	877	178	1,055
AUG 82	877	178	1,055
SEP 82	895	177	1,072
OCT 82	890	182	1,072
NOV 82	887	187	1,074
DEC 82	894	186	1,080
JAN 83	909	184	1,094
FEB 83	961	187	1,148
MAR 83	1,000	190	1,189
APR 83	992	184	1,176
MAY 83	1,005	178	1,183
JUN 83	982	176	1,158
JUL 83	981	174	1,154
AUG 83	982	174	1,156
SEP 83	983	173	1,157
OCT 83	973	172	1,146
NOV 83	983	171	1,154
DEC 83	954	171	1,124
JAN 84	1,004	170	1,175
FEB 84	955	169	1,123
MAR 84	927	167	1,094
APR 84	896	169	1,065
MAY 84	844	172	1,016
JUN 84	836	181	1,017
JUL 84	834	175	1,009
AUG 84	836	172	1,008
SEP 84	844	181	1,026
OCT 84	863	183	1,046
NOV 84	884	185	1,069
DEC 84	913	189	1,102

```
*** ENERGY PERFORMANCE INDEX ***
      WETASKIWIN PSD# 264

    SCHOOL NAME: WETASKIWIN COMP
WEATHER STATION: EDMONTON INT A
  ORIGINAL AREA: 12669 SQUARE METRES

YR ENDING  FUEL       ELECT      TOTAL
 MONTH   MJ/M2/YR  MJ/M2/YR  MJ/M2/YR

DEC 81       922       167      1,069
JAN 82     1,044       170      1,214
FEB 82     1,107       171      1,278
MAR 82     1,149       172      1,321
APR 82     1,173       171      1,344
MAY 82     1,170       170      1,340
JUN 82     1,171       174      1,345
JUL 82     1,173       178      1,351
AUG 82     1,179       178      1,357
SEP 82     1,208       177      1,385
OCT 82     1,207       182      1,399
NOV 82     1,252       187      1,439
DEC 82     1,250       186      1,436
JAN 83     1,189       184      1,373
FEB 83     1,187       187      1,374
MAR 83     1,197       190      1,387
APR 83     1,158       184      1,342
MAY 83     1,172       178      1,350
JUN 83     1,156       176      1,332
JUL 83     1,154       174      1,328
AUG 83     1,150       174      1,324
SEP 83     1,166       173      1,339
OCT 83     1,156       172      1,328
NOV 83     1,139       171      1,310
DEC 83     1,164       171      1,335
JAN 84     1,194       170      1,364
FEB 84     1,109       169      1,278
MAR 84     1,073       167      1,239
APR 84     1,036       169      1,206
MAY 84       988       172      1,160
JUN 84       979       181      1,160
JUL 84       978       175      1,153
AUG 84       980       172      1,152
SEP 84       994       181      1,175
OCT 84     1,034       183      1,217
NOV 84     1,092       185      1,277
DEC 84     1,107       189      1,296
```

*** COST PERFORMANCE INDEX ***
WETASKIWIN PSD# 264

SCHOOL NAME: WETASKIWIN COMP
WEATHER STATION: EDMONTON INT A
ORIGINAL AREA: 12669 SQUARE METRES

YR ENDING MONTH	FUEL $/M2	ELECT $/M2	WATER $/M2	TOTAL $/M2
DEC 81	1.84	2.19	0.21	4.24
JAN 82	2.13	2.23	0.22	4.58
FEB 82	2.39	2.28	0.23	4.89
MAR 82	2.56	2.33	0.23	5.12
APR 82	2.68	2.36	0.23	5.27
MAY 82	2.72	2.39	0.23	5.34
JUN 82	2.74	2.44	0.23	5.41
JUL 82	2.75	2.49	0.23	5.46
AUG 82	2.78	2.51	0.23	5.52
SEP 82	2.88	2.54	0.23	5.64
OCT 82	2.94	2.65	0.22	5.81
NOV 82	3.16	2.77	0.20	6.13
DEC 82	3.28	2.77	0.20	6.24
JAN 83	3.27	2.78	0.18	6.23
FEB 83	3.32	2.80	0.17	6.30
MAR 83	3.39	2.83	0.17	6.39
APR 83	3.31	2.86	0.17	6.34
MAY 83	3.35	2.89	0.18	6.41
JUN 83	3.31	2.91	0.19	6.41
JUL 83	3.31	2.93	0.19	6.43
AUG 83	3.30	2.95	0.18	6.43
SEP 83	3.23	2.96	0.19	6.38
OCT 83	3.16	3.00	0.20	6.36
NOV 83	3.06	3.03	0.22	6.31
DEC 83	3.05	3.08	0.24	6.37
JAN 84	3.05	3.14	0.25	6.44
FEB 84	2.77	3.18	0.27	6.22
MAR 84	2.62	3.22	0.28	6.12
APR 84	2.50	3.29	0.28	6.08
MAY 84	2.44	3.35	0.28	6.07
JUN 84	2.44	3.44	0.28	6.16
JUL 84	2.43	3.44	0.30	6.18
AUG 84	2.44	3.46	0.32	6.22
SEP 84	2.56	3.54	0.33	6.43
OCT 84	2.66	3.56	0.33	6.55
NOV 84	2.84	3.59	0.33	6.76
DEC 84	2.94	3.61	0.34	6.89

*** AVOIDED COST ***
WETASKIWIN PSD# 264

SCHOOL NAME: WETASKIWIN COMP
WEATHER STATION: EDMONTON INT A
ORIGINAL AREA: 12669 SQUARE METRES

BASE FUEL: 1250 MJ/M2/YR
BASE ELECTRICAL: 250 MJ/M2/YR

YR ENDING MONTH	FUEL $/YR	ELECT $/YR	TOTAL $/YR
DEC 81	8,288	13,757	22,045
JAN 82	5,319	13,276	18,595
FEB 82	3,915	13,329	17,244
MAR 82	2,859	13,376	16,235
APR 82	2,244	13,792	16,036
MAY 82	2,368	14,217	16,585
JUN 82	2,335	13,424	15,759
JUL 82	2,300	12,639	14,939
AUG 82	2,103	12,964	15,067
SEP 82	1,262	13,295	14,557
OCT 82	1,325	12,517	13,842
NOV 82	-57	11,702	11,645
DEC 82	-5	12,097	12,092
JAN 83	2,136	12,498	14,634
FEB 83	2,252	11,969	14,221
MAR 83	1,901	11,444	13,345
APR 83	3,325	13,040	16,365
MAY 83	2,832	14,760	17,592
JUN 83	3,400	15,504	18,904
JUL 83	3,483	16,272	19,755
AUG 83	3,621	16,417	20,038
SEP 83	2,960	16,562	19,522
OCT 83	3,274	17,118	20,392
NOV 83	3,787	17,687	21,474
DEC 83	2,860	18,119	20,979
JAN 84	1,810	18,556	20,366
FEB 84	4,464	19,425	23,889
MAR 84	5,489	20,324	25,813
APR 84	6,547	19,821	26,368
MAY 84	8,175	19,309	27,484
JUN 84	8,524	16,681	25,205
JUL 84	8,551	18,792	27,343
AUG 84	8,491	19,836	28,327
SEP 84	8,364	16,932	25,296
OCT 84	7,034	16,654	23,688
NOV 84	5,213	16,019	21,232
DEC 84	4,830	14,795	19,625

```
*** ANNUAL UTILITY SUMMARY ***

WETASKIWIN COMP - JAN 1981 TO DEC 1981

 FUEL          11,679 GJ          $ 23,283
ELECT         588,367 KWH         $ 27,775
WATER           6,493 CU.M        $  2,701
                                  --------
                                  $ 53,759


WETASKIWIN COMP - JAN 1982 TO DEC 1982

 FUEL          15,838 GJ          $ 41,498
ELECT         654,300 KWH         $ 35,100
WATER           5,939 CU.M        $  2,487
                                  --------
                                  $ 79,085


WETASKIWIN COMP - JAN 1983 TO DEC 1983

 FUEL          14,745 GJ          $ 38,645
ELECT         601.020 KWH         $ 39,064
WATER           6,524 CU.M        $  3,005
                                  --------
                                  $ 80,714


WETASKIWIN COMP - JAN 1984 TO DEC 1984

 FUEL          14.020 GJ          $ 37,285
ELECT         664,740 KWH         $ 45,731
WATER           6.594 CU.M        $  4,278
                                  --------
                                  $ 87,294
```

APPENDIX 4

Sample "School By School Comparison" Output

```
 *** SCHOOL BY SCHOOL COMPARISON ***

      FUEL ENERGY PERFORMANCE

        *** MOST EFFICIENT ***

 1. WETASKIWIN COMP  1,107 MJ/M2/YR
 2.  FR. BEAUREGARD  1,179 MJ/M2/YR
 3.  FR MERCREDI HI  1,224 MJ/M2/YR
 4.  MUNDARE SCHOOL  1,675 MJ/M2/YR

        *** LEAST EFFICIENT ***

AVERAGE CONSUMPTION: 1,242 MJ/M2/YR

 *** SCHOOL BY SCHOOL COMPARISON ***

    ELECTRICAL ENERGY PERFORMANCE

        *** MOST EFFICIENT ***

 1.  MUNDARE SCHOOL    119 MJ/M2/YR
 2. WETASKIWIN COMP    189 MJ/M2/YR
 3.  FR. BEAUREGARD    352 MJ/M2/YR
 4.  FR MERCREDI HI    527 MJ/M2/YR

        *** LEAST EFFICIENT ***

AVERAGE CONSUMPTION:   308 MJ/M2/YR

 *** SCHOOL BY SCHOOL COMPARISON ***

      TOTAL ENERGY PERFORMANCE

        *** MOST EFFICIENT ***

 1. WETASKIWIN COMP  1,296 MJ/M2/YR
 2.  FR. BEAUREGARD  1,367 MJ/M2/YR
 3.  FR MERCREDI HI  1,751 MJ/M2/YR
 4.  MUNDARE SCHOOL  1,794 MJ/M2/YR

        *** LEAST EFFICIENT ***

AVERAGE CONSUMPTION: 1,529 MJ/M2/YR
```

```
*** SCHOOL BY SCHOOL COMPARISON ***

      FUEL COST PERFORMANCE

       *** MOST EFFICIENT ***

1. WETASKIWIN COMP    2.94 $/M2/YR
2.   FR. BEAUREGARD   3.05 $/M2/YR
3.   FR MERCREDI HI   3.17 $/M2/YR
4.   MUNDARE SCHOOL   3.98 $/M2/YR

       *** LEAST EFFICIENT ***

      AVERAGE COST:  3.19 $/M2/YR

*** SCHOOL BY SCHOOL COMPARISON ***

   ELECTRICAL COST PERFORMANCE

       *** MOST EFFICIENT ***

1.   MUNDARE SCHOOL   2.56 $/M2/YR
2. WETASKIWIN COMP    3.61 $/M2/YR
3.   FR. BEAUREGARD   6.40 $/M2/YR
4.   FR MERCREDI HI   8.40 $/M2/YR

       *** LEAST EFFICIENT ***

      AVERAGE COST:  5.34 $/M2/YR

*** SCHOOL BY SCHOOL COMPARISON ***

      WATER COST PERFORMANCE

       *** MOST EFFICIENT ***

1.   FR MERCREDI HI   0.33 $/M2/YR
2. WETASKIWIN COMP    0.34 $/M2/YR
3.   FR. BEAUREGARD   0.37 $/M2/YR
4.   MUNDARE SCHOOL   1.53 $/M2/YR

       *** LEAST EFFICIENT ***

      AVERAGE COST:  0.52 $/M2/YR

*** SCHOOL BY SCHOOL COMPARISON ***

      TOTAL COST PERFORMANCE

       *** MOST EFFICIENT ***

1. WETASKIWIN COMP    6.89 $/M2/YR
2.   MUNDARE SCHOOL   8.80 $/M2/YR
3.   FR. BEAUREGARD   9.53 $/M2/YR
4.   FR MERCREDI HI  12.09 $/M2/YR

       *** LEAST EFFICIENT ***

      AVERAGE COST:  9.19 $/M2/YR
```

```
  *** SCHOOL BY SCHOOL COMPARISON ***

         FUEL COST AVOIDANCE

        *** MOST EFFICIENT ***

  1. WETASKIWIN COMP    4,830 $/YR
  2.  MUNDARE SCHOOL        0 $/YR
  3.  FR MERCREDI HI       -3 $/YR
  4.  FR. BEAUREGARD       -5 $/YR

        *** LEAST EFFICIENT ***

AVERAGE AVOIDED COST:   1,931 $/YR
  TOTAL AVOIDED COST:  92,202 $/YR

  *** SCHOOL BY SCHOOL COMPARISON ***

      ELECTRICAL COST AVOIDANCE

        *** MOST EFFICIENT ***

  1. WETASKIWIN COMP   14,795 $/YR
  2.  FR. BEAUREGARD      -25 $/YR
  3.  FR MERCREDI HI      -29 $/YR
  4.  MUNDARE SCHOOL      -44 $/YR

        *** LEAST EFFICIENT ***

AVERAGE AVOIDED COST:   5,899 $/YR
  TOTAL AVOIDED COST:  52,217 $/YR


  *** SCHOOL BY SCHOOL COMPARISON ***

         TOTAL COST AVOIDANCE

        *** MOST EFFICIENT ***

  1. WETASKIWIN COMP   19,625 $/YR
  2.  FR. BEAUREGARD    1,677 $/YR
  3.  FR MERCREDI HI      -33 $/YR
  4.  MUNDARE SCHOOL      -45 $/YR

        *** LEAST EFFICIENT ***

AVERAGE AVOIDED COST:   8,040 $/YR
  TOTAL AVOIDED COST: 113,427 $/YR
```

APPENDIX 5

Blank Energy Use Input Data Form

ENERGY USE CONSUMPTION FORM

School name ______________________ School district ______________________

Weather station ______________________ Gross area ______________________ square metres

Fuel unit change - Date _____ Units _____ Water unit change - Date _____ Units _____

Fuel account # ____________ Electrical account # ____________ Water account # ____________

			Units	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Year 198_	Fuel	Consump													
		Cost													
	Elect	Consump													
		Demand													
		Cost													
	Water	Consump													
		Cost													

			Units	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Year 198_	Fuel	Consump													
		Cost													
	Elect	Consump													
		Demand													
		Cost													
	Water	Consump													
		Cost													

			Units	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Year 198_	Fuel	Consump													
		Cost													
	Elect	Consump													
		Demand													
		Cost													
	Water	Consump													
		Cost													

BEST COPY AVAILABLE

BEST COPY AVAILABLE

APPENDIX J

Energy Conservation Data/Information

J 1. Documentation Manual

√J 2. Energy Budgets for Schools by Jurisdiction,
1982 - 1984

(where: revisions will include 1985 data;
area = sq. ft. of all schools in
jurisdiction;
E = $ cost of electrical energy
consumed;
G = $ cost of natural gas consumed)

File: ENERGY.BUDGETS
Report: All Info

Name.Juris	Type.J	No. J	AREA	E- 82	G- 82	Total-'82	Total $/m2	E- 83	G- 83	Total-'83	Total $/m2	E- 84	G- 84	Total-'84	Total $/m2
Grande Prairie	Cty	1	30574	148204	187614	335818	10.98	113559	179139	292698	9.57	118700	175100	293800	9.61
Vulcan	Cty	2	21884	49730	79834	129564	5.92	53815	68408	122223	5.59	54000	109950	163950	7.49
Ponoka	Cty	3	40159			308000	7.67			294000	7.32			385000	9.59
Newell	Cty	4	20465			116952	5.71			125406	6.13			126000	6.16
Warner	Cty	5	28419	62044	81980	144024	5.07	58985	81158	140143	4.93	92235	94809	187044	6.58
Stettler	Cty	6	10975	46300	55221	101521	9.25	33178	61838	95016	8.66	37428	59444	96872	8.83
Thorhild	Cty	7	13181	46779	71115	117894	8.94	50228	61883	112111	8.51	55495	61697	117192	8.89
Forty Mile	Cty	8	18118	38455	66508	104963	5.79	46664	58031	104695	5.78	39952	40690	80642	4.45
Beaver	Cty	9	18681			149448	8.00			149448	8.00			149448	8.00
Wetaskiwin	Cty	10	29461	204953	23146	228099	7.74	190370	8155	198525	6.74	185792	10099	195891	6.65
Barrhead	Cty	11	28695			200814	7.00			224800	7.83			256280	8.92
Athabasca	Cty	12	24992	77209	97598	174807	6.99	104029	112300	216329	8.66	110000	100000	210000	8.40
Smoky Lake	Cty	13	15602	50555	66966	117521	7.53	41025	52167	93192	5.97	39573	57216	96789	6.20
Lacombe	Cty	14	44679	138497	152225	290722	6.51	167146	156157	323303	7.24	177001	158021	335022	7.50
Wheatland	Cty	16	28457	81088	88009	169097	5.94	84816	82179	166995	5.87	104368	79946	184314	6.48
Mountain View	Cty	17	43974	135599	179269	314867	7.16	153143	168501	321644	7.31	188637	160587	349224	7.94
Paintearth	Cty	18	13870	49688	51514	101202	7.30	36738	59011	95749	6.90	37379	52823	90202	6.50
St. Paul	Cty	19	18680	88480	75679	164159	8.79	69653	66402	136055	7.28	67838	77144	144982	7.76
Strathcona	Cty	20	139249	628546	445966	1074512	7.72	717862	420140	1138002	8.17	789394	429162	1218556	8.75
Two Hills	Cty	21	18145	36264	61511	97775	5.39	26720	65064	91784	5.06	26589	66173	92762	5.11
Camrose	Cty	22	27951	60783	88895	149678	5.36	73067	86526	159593	5.71	75000	90000	165000	5.90
Red Deer	Cty	23	53532	157786	189718	347504	6.49	168259	189718	357977	6.69	175000	195000	370000	6.91
Vermilion River	Cty	24	38720	113078	158044	271122	7.00	82979	122255	205234	5.30	109423	117771	227194	5.87
Leduc	Cty	25	69796	218025	260595	478620	6.86	277412	252717	530129	7.60	300000	300000	600000	8.60
Lethbridge	Cty	26	38811	244000	264000	508000	13.09	333000	290000	623000	16.05	352000	267000	619000	15.95
Minburn	Cty	27	30709	121175	99122	220297	7.17	94201	83053	177254	5.78	93805	76851	170656	5.56
Lac St. Anne	Cty	28	30574	139185	213930	353115	11.55	124799	94155	218952	7.16	140892	105936	246828	8.07
Flagstaff	Cty	29	28896	63159	111874	175033	6.06	63109	100490	163599	5.66	71133	109476	180609	6.25
Lamont	Cty	30	21856			174848	8.00			174848	8.00			174848	8.00
Parkland	Cty	31	108274	456850	434728	891578	8.23	579066	375365	954431	8.81	669142	436499	1105640	10.21
Berry Creek	Div	1	2192	11429	18957	30386	13.86	8517	16852	25369	11.57	8343	16972	25315	11.55
Cardston	Div	2	30071	95046	103100	198146	6.59	123368	90462	213830	7.11	125487	97196	222683	7.41
Medicine Hat	Div	4	13909	27502	42610	70112	5.04	31650	43027	74677	5.37	33722	56802	90524	6.51
Taber	Div	6	31845	88705	130391	219096	6.88	97001	111993	208994	6.56	90181	111215	201396	6.32
Acadia	Div	8	12232												
Rangeland	Div	9	14099	43012	61332	104344	7.40	31487	64350	95837	6.80	28803	58865	87668	6.22
Peace River	Div	10	33166	144300	196400	340700	10.27	102200	164850	267050	8.05	110000	170000	280000	8.44
Yellowhead	Div	12	61259	199003	216931	415934	6.79	223211	194298	417509	6.81	263540	212134	475674	7.76
Rocky Mountain	Div	15	27415			194000	7.08			200000	7.30			229000	8.35
Neutral Hills	Div	16	7137			72270	10.13			61520	8.62			67130	9.41
Sturgeon	Div	24	47901	206894	187484	394378	8.23	256066	188949	445015	9.29	297000	256000	553000	11.54
Willow Creek	Div	28	44348	78019	135321	213340	4.81	97196	118659	215855	4.87	107583	118809	226392	5.10
Pincher Creek	Div	29	15919	40558	50241	90799	5.70	52224	51708	103932	6.53	49132	59441	108573	6.82
Starland	Div	30	6271					18939	27141	46080	7.35	18340	29766	48106	7.67
Wainwright	Div	32	21475	52330	58574	110904	5.16	75485	82430	177915	8.28	90430	84085	174515	8.13
Provost	Div	33	12541			59000	4.70			58495	4.66			62129	4.95
Westlock	Div	37	25395	86435	116149	202594	7.98	103960	109984	213944	8.42	97208	105950	203158	8.00
Foothills	Div	38	60456	165200	236013	401213	6.64	217700	189900	407600	6.74	274200	209400	483600	8.00
Rocky View	Div	44	77332	248273	285709	533982	6.90	329881	260257	600138	7.76	387464	275434	662898	8.57
Smoky River	Div	47	20206	97254	97199	194453	9.62	71653	84013	155666	7.70	72000	90000	162000	8.02
High Prairie	Div	49	57696	211027	301290	512317	8.88	184212	199574	383786	6.65	219240	240120	459360	7.96
Fairview	Div	50	18139	68917	66608	132725	7.27	52083	66649	118732	6.55	69041	58625	127666	7.04
Lac La Biche	Div	51	23821	88676	134265	222941	9.36	107560	100999	208669	8.76	126040	108270	234310	9.84
St. Vermilion	Div	52	25246	156700	288600	445300	17.64	106400	224400	330800	13.10	120000	229500	349500	13.84
East Smoky	Div	54	24003	131751	96519	228270	9.51	103876	101571	205447	8.56	116944	101339	218283	9.09
Three Hills	Div	60	18845												
Northland	Div	61	37530	232000	265000	497000	13.24	192000	268000	460000	12.26	220000	380000	600000	15.99
Drumheller Valley	Div	62	22820	124673	81766	206439	9.05	82266	79964	162230	7.11	80000	80000	160000	7.01
Crowsnest Pass	Div	63	21050	61399	66033	127432	6.05	65330	60999	125329	5.95	67459	60000	127459	6.06

BEST COPY AVAILABLE

File: ENERGY.BUDGETS
Report: All Info

Name.Juris	Type.J	No. J	AREA	E- 82	G- 82	Total-'82	Total $/m2	E- 83	G- 83	Total-'83	Total $/m2	E- 84	G- 84	Total-'84	Total $/m2
Mount Fandie	Div	64	7886	26317	27727	54044	6.85	28854	30155	59009	7.48	30422	29723	60145	7.63
St. Paul	PReg	1	13263	88452	45885	134337	10.13	72463	40613	113076	8.53	74590	49655	124245	9.37
Edmonton	PSD	7	995699	3558545	4511255	8069300	8.10	3814699	3509107	7323806	7.36	4106260	4159280	8265540	8.30
Calgary	PSD	19	1126208	3422654	3986478	7409132	6.58	3679820	3771939	7451759	6.62	4556650	3950100	8506750	7.55
Lethbridge	PSD	51	92801			750000	8.08			750000	8.08			750000	8.08
Medicine Hat	PSD	76	86239			373821	4.33			[illegible]	4.89			362216	4.20
Banff	PSD	102	8125	16259	23890	40149	4.94	17563	19276	36839	4.53	18688	21992	40680	5.00
Red Deer	PSD	104	82611	185140	355405	540545	6.54	221016	311948	532964	6.45	272542	366962	639504	7.74
Wetaskiwin	PSD	264	26835	81373	101091	182464	6.80	92355	99654	192009	7.16	100000	100000	200000	7.45
Leduc	PSD	297	30098			240784	8.00			240784	8.00			240784	8.00
Stirling	PSD	647	3378	5365	7667	16567	4.90	8000	8165	18972	5.62	9530	[illegible]	19779	5.86
Camrose	PSD	1315	27591	95076	84839	179915	6.52	100807	86091	186898	6.77	121930	107356	229286	8.31
Stettler	PSD	1475	20036			168688	8.42			141933	7.08			139926	6.98
Exshaw	PSD	1699	2015	7225	5873	13098	6.50	7700	6550	14250	7.07	8352	6725	15077	7.48
Legal	PSD	1739	4129	9803	11459	21262	5.15	11945	12176	24121	5.84	15000	12000	27000	6.54
Brooks	PSD	2092	21861	83750	67122	150872	6.90	101147	58861	160008	7.32	77296	51066	128362	5.87
St. Paul	PSD	2226	9822	24181	17778	41959	4.27	19125	19716	38841	3.95	30864	24351	55215	5.62
Redcliff	PSD	2283	6599	27348	7674	35022	5.31	29226	5648	34874	5.28	25182	5209	30391	4.61
Grande Prairie	PSD	2357	54005	208900	136900	345800	6.40	164800	140500	305300	5.65	214900	173400	388300	7.19
Whitecourt	PSD	2736	10723							79711	7.43			97273	9.07
Ft. McMurray	PSD	2833	53528	395851	230310	626161	11.70	382537	269555	652092	12.18	316003	256233	572236	10.69
Jasper	PSD	3063	7200			69107	9.60			51188	7.11			52552	7.30
Waterton Park	PSD	4233	1365	958	7167	8125	5.95	1164	6242	7406	5.43	1012	7903	8915	6.53
Grovedale	PSD	4910	1899	10650	14550	3900	2.05	5000	15500	20500	10.80	5000	16000	21000	11.06
Devon	PSD	4972	9509			76072	8.00			76072	8.00			76072	8.00
Swan Hills	PSD	5109	3242	20872	14088	34960	10.78	17560	19159	36719	11.33	17974	18352	36326	11.20
Grande Cache	PSD	5258	11002	98427	55031	153458	13.95	71955	46393	118348	10.76	78684	59517	138201	12.56
Lakeland	PSD	5460	48559	170141	102261	272402	5.61	136994	79010	216003	4.45	164476	96351	260827	5.37
Barons Consolidated	PSD	8	2062	3871	4574	8445	4.10	3995	6848	10844	5.26	4364	6100	10464	5.07
Falher Consolidated	PSD	69	5539	17757	18446	36203	6.55	13658	13280	26938	4.87	15634	14806	30440	5.50
Lloydminster	PSDiv		32507			260056	8.00			260056	8.00			260056	8.00
Glen Avon	PSSD	5	4872			38976	8.00			38976	8.00			38976	8.00
St. Albert	PSSD	6	52642	179711	172932	352643	6.70	238026	171018	409044	7.77	220000	180000	400000	7.60
Lloydminster	RCDiv		7033	26500	23095	49595	7.05	28917	23826	52743	7.50	37003	22081	59084	8.40
Thibault	RCPSD	35	4893			39144	8.00			39144	8.00			39144	8.00
Calgary	RCS	1	278843	883382	921670	1805052	6.47	991708	784697	1776405	6.37	1102001	887388	1989389	7.13
Edmonton	RCS	7	409763	1148813	1615523	2764336	6.75	1111000	1837000	2948000	7.19	1519121	1450669	2969790	7.25
Lethbridge	RCS	9	25433	61307	106611	167918	6.60	66601	89995	156596	6.16	69187	88563	157750	6.20
Wetaskiwin	RCS	15	5986	16345	13000	29345	4.90	14500	11000	25500	4.26	18000	12440	30440	5.09
Vegreville	RCS	16	3189	14486	13899	28386	8.90	19254	16060	35314	11.07	12648	12119	24767	7.77
Red Deer	RCS	17	25152	60115	54594	114709	4.56	74529	71754	146283	5.82	81188	68450	149638	5.95
Pincher Creek	RCS	18	4179	12865	12652	25517	6.11	18630	12731	31361	7.50	18923	14739	33662	8.06
Medicine Hat	RCS	21	21097	75257	38620	113877	5.40	71833	31441	103274	4.90	67558	29342	96900	4.59
Theresetta	RCS	23	1865	5331	4910	10241	5.49	4404	3876	8280	4.44	4078	3011	7089	3.80
Drumheller	RCS	25	2633												
Ft. Vermilion	RCS	26	2768	6375	13560	19935	7.20	3534	10864	14348	5.18	8494	13234	21828	7.89
Grande Prairie	RCS	28	22633	77100	50400	127500	5.63	71870	63100	134970	5.96	86300	70900	157200	6.95
McLennan	RCS	30	2760			22080	8.00			22080	8.00			22080	8.00
Wainwright	RCS	31	2760	7776	13013	20789	7.53	9184	11332	20516	7.43	11975	10598	22573	8.18
Ft. McMurray	RCS	32	33021	213313	109766	323079	9.78	226449	133705	360154	10.91	275778	135436	411214	12.45
Fairview	RCS	35	4065	13533	13589	27122	6.64	9865	12723	22588	5.56	10728	13385	24113	5.93
Spirit River	RCS	36	1181					2160	4301	6461	5.47	6147	3014	9161	7.76
Manning	RCS	37	2582	7188	12436	19624	7.60	5178	13643	18821	7.29	[illegible]	15500	[illegible]	8.71
Peace River	RCS	43	6236	30250	26904	57154	9.16	21316	22058	43374	6.96	23415	24265	47680	7.64
Killam	RCS	49	629	1011	3411	4422	7.03	1063	3080	4143	6.59	1220	2955	4175	6.64
Assumption	RCS	50	1138	2885	4709	7594	6.67	2019	3670	5689	5.00	2169	3816	5985	5.26
Sexsmith	RCS	51	1304			8600	6.60			8608	6.60	4300	4300	8600	6.60
Taber	RCS	54	6559	14620	18972	33592	5.13	16819	20125	36944	5.64	19531	13709	33240	5.07
High Prairie	RCS	56	4541	16581	10306	26887	5.92	12876	12927	25803	5.68	13011	12927	25938	5.71

BEST COPY AVAILABLE

F #: ENERGY.BUDGETS
Reports: All Info

Page :
MAR 6 19[illegible]

Name.Juris	Type.J	No. J	AREA	E- 82	G- 82	Total-'82	Total $/m2	E- 83	G- 83	Total-'83	Total $/m2	E- 84	G- 84	Total- 84	Total $/m2
Camrose	RCS	60	3828	14975	17406	32381	8.46	11929	13789	25717	6.72	25923	17617	43540	11.37
Provost	RCS	65	2555					[illegible]	6227	[illegible]	[illegible]	[illegible]	[illegible]	15141	5.93
Beaverlodge	RCS	[illegible]	1124	3892	3472	[illegible]	6.55	[illegible]	2587	5397	4.79	2981	[illegible]	[illegible]	[illegible]
Coaldale	RCS	72	2058	5783	6491	12274	5.96	6314	5462	11776	5.72	7621	6140	13761	[illegible]
Picture Butte	RCS	[illegible]	1728	4710	3925	8635	5.00	4980	4070	9050	5.24	6730	8525	15255	8.83
Valleyview	RCS	84	5286	16702	19394	36096	6.83	12736	22365	35101	6.64	14339	16670	31009	5.87
Grimshaw	RCS	88	2216	9108	10621	19729	8.90	7219	8435	15654	7.06	8000	9300	17300	7.81
Lloydminster	RCS	89	5090	26500	23095	49595	9.74	28917	23826	52743	10.36	37003	22081	59084	11.61
Whitecourt	RCS	94	6378					31213	20846	52059	8.16	36131	20762	56893	8.92
Ponoka	RCS	95	2439			11963	4.90			13315	5.46			14265	5.85
Nampa	RCS	96	529	1909	2067	3976	7.52	1286	1735	3021	5.71	1439	1841	3280	6.20
Vermilion	RCS	97	3798	11098	9875	20974	5.52	8877	9146	18024	4.75	11206	9855	21062	5.55
Fort Saskatchewan	RCS	104	16058	25232	22459	47691	2.97	31952	24445	56397	3.51	57402	30203	87605	5.46
Sherwood Park	RCS	105	30714	146800	78710	225510	7.34	161656	86675	248331	8.09	174850	93750	268600	8.75
Westlock	RCS	110	4115			32920	8.00			32920	8.00			32920	8.00
Drayton Valley	RCS	111	3588	6557	10725	17282	4.82	9834	14479	24312	6.78	13568	14699	28267	7.88
Spruce Grove	RCS	128	6151	23069		23069	3.75	27113		27113	4.41	40382		40382	6.57
Rocky Mountain	RCS	131	2708			21664	8.00			21664	8.00			21664	8.00
Leduc	RCS	132	6209	13020	10046	23066	2.71	18841	14360	33201	5.35	34716	21022	55738	8.98
Ft Saskatchewan	RCS	144	16058			128464	8.00			128464	8.00			128464	8.00
Lakeland	RCS	150	12053	56484	46406	102890	8.54	48152	42613	90765	7.53	60923	34829	95752	7.94
Stony Plain	RCS	151	2610					2028	1409	3437	1.32	17054	6940	23994	9.19
Edson	RCS	153	2601									14198	5686	19884	7.64
Hinton	RCS	155	2887			23096	8.00			23096	8.00			23096	8.00
						416230[illegible]*				41024951*				4502[illegible]*	

BEST COPY AVAILABLE

BEST COPY AVAILABLE

APPENDIX K

Typical Material Supplied by the School Buildings Service Branch for the Department's Annual Reports

(Sample from the 1983 - 1984 Annual Report)

SEVENTY-NINTH
ANNUAL REPORT
1983-84

RECEIVED

NOV [illegible]

SCHOOL BUILDINGS

School Buildings Services

Report of the Director

School Buildings Services provides planning and financial assistance in the construction and restoration of school facilities; and administers the **School Buildings Act**, the School Buildings Regulation, the Tendering Regulation and related programs.

During the period 1983-84, 104 new construction projects, 41 modernization projects and 790 Building Quality Restoration Program (BQRP) projects were reviewed and processed. The branch inspected 1,304 new construction, modernization and building quality restoration projects.

Branch staff conducted regional seminars and attended local school board meetings to explain details of the new funding policy, school modernization, the BQRP, cost estimating and energy conservation. They held over 300 meetings with various groups and school boards to discuss administrative and planning programs.

At the time of reporting, a new funding program which includes modernization as well as BQRP has been approved for 1984-88. A new School Buildings Regulation is in the final stages of review.

As part of the Project Space study, floor plans were prepared for all existing schools in the province and developed for all new schools.

The branch also administered an Energy Conservation Program and implemented energy conservation projects in 102 school jurisdictions across the province.

Technical reports were provided on 63 schools to respective school boards and the branch participated in two major school facility surveys for boards.

The branch participated in several other departmental facility studies including: Excess School Space Study, Earth Sheltered School, Convertible School Design, Child Development Centres in Grande Prairie, Calgary and Edmonton, Mobile Labs, Construction Cost Prices and Indices, Community School Facility Study, Color and Light Study, Vocational Education Equipment Replacement, Ventilation Study, Business Education Program and ECS Handbook review. Participation in code and maintenance studies included work in jurisdictions in Medicine Hat, Lethbridge, Mountain View, Sturgeon, Lac La Biche, and Two Hills.

Branch staff also made presentations on school facility topics at chapter, regional and international conferences of the Council of Educational Facility Planners.

TABLE D

Projects Tendered

April 1, 1983 - March 31, 1984

Jurisdiction	Project Name	Date of Tender	m²	Basic Tender Cost - $	Pro-Rated Tender Cost - $	Pro-Rated Cost Per m² - $	Capacity
Calgary Dist. #19	O.S. Geiger 8x8 Core Sch.	Apr. 7, 1983	3 108.47	2 499 763	2 638 749	848.89	300
Calgary Dist. #19	O.S. Geiger 8 Core Ports.	Apr. 7, 1983	795.26	325 000	343 070	431.39	200
Edm. RCS #7	Ecole Frere Antoine 8x8 Core Add'n	Apr. 7, 1983	708.46	489 850	517 086	729.87	100
Calgary RCS #1	St. Dominic 2 Port Wshrms.	Apr. 7, 1983	37.00	27 784	29 329	789.26	0
Edm. Pub. #7	Centennial 6 Core Ports.	Apr. 15, 1983	694.24	294 000	310 346	447.03	150
Edm. Pub. #7	Meyokumin 4 Core Ports.	Apr. 15, 1983	447.49	203 600	214 920	480.28	100
Calgary RCS #1	Holy Cross Conn. Corr.	Apr. 22, 1983	63.12	70 891	74 832	1 185.55	0
Fairview Div. #50	Fairview H.S. Add'n	Apr. 22, 1983	2 515.01	2 205 000	2 327 598	925.48	125
Ft. Vermilion RCS #26	St. Mary Core Sch.	May 5, 1983	2 003.56	1 733 010	1 829 366	913.06	200
Red Deer Dist. #104	Aspen Heights Add'n	May 18, 1983	502.34	356 900	376 744	749.98	100
Calgary RCS #1	Bishop Kidd Add'n	May 25, 1983	198.87	159 536	168 407	846.82	0
Edson RCS #153	Vanier 4 Core Ports.	June 3, 1983	388.80	202 750	214 023	550.47	100
Peace River Div. #10	Paul Rowe H.S. Add'n	June 8, 1983	624.22	570 132	601 831	964.13	100
Calgary Dist. #10	Van Horne H.S. Add'n	June 9, 1983	850.85	1 134 595	1 197 679	1 407.61	20
Calgary Dist. #19	Van Horne H.S. Renov.	June 9, 1983	588.38	375 694			-25
Cty. of Mtn. View #17	Horizon School Add'n	June 10, 1983	309.96	329 980	348 327	1 123.78	20
Cty. of Lacombe #14	Blackfalds Add'n	June 13, 1983	1 317.53	1 081 387	1 141 512	866.40	75
Cty. of Lacombe #14	Blackfalds Renov.	June 13, 1983	446.57	62 285			75
Cty. of Lamont #30	Lamont H.S. Add'n	June 22, 1983	303.00	275 527	290 846	959.89	50
Red Deer RCS #17	Maryview Add'n	June 28, 1983	270.00	247 622	261 390	968.11	0
Red Deer RCS #17	St. Martin de Porres E.C.S. Port/Washroom	June 28, 1983	100.00	112 648	118 911	1 139.11	25
Rocky Mtn. RCS #131	St. Matthew 4 Core Ports.	June 28, 1983	340.28	230 800	243 632	715.98	100
Spruce Grove RCS #128	St. Marguerite 8x8 Core School	June 29, 1983	2 979.85	2 166 000	2 286 430	767.30	300
Cty. of Barrhead #11	Barrhead 10x8 Core Sch.	June 30, 1983	3 792.79	2 876 045	3 035 953	871.57	400
Cty. of Wheatland #16	Brentwood 4 Core Ports.	July 25, 1983	366.13	179 911	189 914	518.71	100
Medicine Hat RCS #21	Mother Teresa Conn. Corr.	July 26, 1983	24.00	17 690	18 673	778.04	0
Cty. of Stettler #16	Big Valley Add'n	Aug. 2, 1983	691.30	617 182	651 498	942.42	100
Calgary RCS #1	10 Core Ports. (Don Bosco 4) (St. Jude 1) (John XXIII 3) (St. Wilfred 1) (Holy Cross Annex. 1)	Aug. 2, 1983	910.80	367 371	387 797	425.78	250

TABLE D

Projects Tendered

Jurisdiction	Project Name	Date of Tender	m^2	Basic Tender Cost - $	Pro-Rated Tender Cost - $	Pro-Rated Cost Per m^2 - $	Capacity
Lac La Biche Div. #51	Wandering River 4x4 Core School	Aug. 15, 1983	1 581.13	1 677 687	1 770 966	1 042.89	175
Edm. Pub. #7	Belvedere Add'n of Living Ste. (C.A.P.E.) & Extensive Renovations	Aug. 16, 1983	150.18 1 215.54	594 400 combined	627 449 0	N/A 0	0 -200
Northland Div. #61	Garden Creek School	Aug. 31, 1983	1 235.20	1 715 000	1 810 354	1 465.64	100
Northland Div. #61	Conklin School	Aug. 31, 1983	970.00	1 798 178	1 898 156	1 956.86	75
Northland Div. #61	Anzac School	Aug. 31, 1983	1 036.02	1 491 715	1 574 654	1 519.91	75
Edm. RCS #7	Our Lady of the Prairies 6x6 Core School	Sept. 2, 1983	2 330.66	1 790 800	1 890 368	811.09	225
Cty. of Red Deer #23	C.P. Blakely Add'n	Sept. 6, 1983	750.00	576 322	608 366	811.15	150
Camrose RCS #60	Our Lady of Mt. Pleasant Addition	Sept. 16, 1983	1 840.00	1 966 073	2 075 387	1 127.93	100
Camrose RCS #60	Our Lady of Mt. Pleasant Renovations	Sept. 16, 1983	461.42	181 243	193 930	420.29	-25
Calgary Dist. #19	Shaughnessy Secondary Addition	Sept. 22, 1983	1 376.85	1 021 650	1 078 454	783.28	40
Calgary Dist. #19	Shaughnessy Secondary Renovations	Sept. 22, 1983	1 909.91	410 422	439 152	229.93	-45
Lloydminster Pub. Div. #1753	Martin Browne 1 Core Port.	Sept. 23, 1983	89.19	53 652	56 635	635.06	25
Lloydminster Pub. Div. #1753	Barr Colony 2 Core Ports.	Sept. 23, 1983	160.53	77 700	82 020	510.93	50
Beaverlodge RCS #68	St. Mary Add'n	Sept. 23, 1983	360.57	393 000	414 851	1 150.54	0
Stony Plain RCS #151	John Paul II 6 Core Ports.	Sept. 27, 1983	630.27	344 750	363 919	577.40	150
Cty. of Mtn. View #17	Sundre 10x8 Core Sch.	Sept. 29, 1983	4 067.28	3 179 000	3 355 752	825.06	340
Red Deer RCS #17	St. Teresa (Glendale) 8x8 Core School	Oct. 13, 1983	3 282.95	2 253 780	2 379 091	724.68	300
Edm. RCS #7	Mary Hanley 8x8 Core School	Oct. 19, 1983	3 088.83	2 261 900	2 387 662	773.00	325
Calgary RCS #1	Casteridge 6x6 Core Sch.	Oct. 20, 1983	2 469.00	1 578 237	3 331 975	674.76	225
Calgary RCS #1	Doverglen 6x6 Core Sch.	Oct. 20, 1983	2 469.00	1 578 238			225
Calgary Dist. #19	Annie Gale J.H.S. Core School	Oct. 20, 1983	5 994.19	4 320 914	4 561 157	760.93	490
Calgary Dist. #19	Annie Gale 8 Core Ports.	Oct. 20, 1983	790.92	325 000	343 070	433.76	200
Edm. Pub. #7	Minchau 8x8 Core Sch.	Oct. 25, 1983	2 959.59	2 284 750	2 411 783	814.90	300
Edm. Pub. #7	Fraser 8x8 Core Sch.	Oct. 25, 1983	3 047.00	2 212 950	2 335 991	766.65	300

TABLE D

Projects Tendered

Jurisdiction	Project Name	Date of Tender	m^2	Basic Tender Cost - $	Pro-Rated Tender Cost - $	Pro-Rated Cost Per m^2 - $	Capacity
Peace River Div. #10	Deadwood 3 Core Ports.	Oct. 31, 1983	316.31	318 715	336 436	1 063.63	75
Peace River Div. #10	Deadwood Renovations	Oct. 31, 1983	237.10	178 500	190 995	805.55	0
Lloydminster Pub. Div. #1753	Composite High School Renovations	Nov. 2, 1983	387.00	94 369	100 975	260.92	0
Cty. of Wetaskiwin #10	Pigeon Lake Reg. H.S. Addition	Nov. 15, 1983	1 141.33	1 143 446	1 207 021	1 057.56	20
Cty. of Wetaskiwin #10	Pigeon Lake Reg. H.S. Renovations	Nov. 15, 1983	710.19	126 300	135 141	190.29	70
Lloydminster RCS #89	Father Gorman Elem. Addition	Nov. 16, 1983	67.08	74 771	78 928	1 176.62	0
Falher Cons. Dist. #69	Routhier Add'n	Nov. 18, 1983	1 595.43	1 874 000	1 978 194	1 239.91	85
Westlock Div. #37	R.F. Staples H.S. Add'n	Dec. 2, 1983	2 180.12	2 344 750	2 475 119	1 135.31	250
Northland Div. #61	Cadotte Lake School	Dec. 8, 1983	1 136.82	1 533 925	1 619 211	1 424.33	150
Northland Div. #61	Grouard 6x6 Core Sch.	Dec. 8, 1983	2 732.27	2 688 440	2 837 917	1 038.67	265
Northland Div. #61	Chipewyan Lakes Sch.	Dec. 20, 1983	1 057.89	1 997 259	2 109 306	1 992.93	75
Cty. of St. Paul #19	Mallaig School Renov.	Jan. 10, 1984	239.60	56 373	60 319	251.75	-25
Cty. of Red Deer #23	Penhold 4x4 Mini Core School	Jan. 13, 1984	1 880.00	1 433 185	1 512 870	804.72	175
Northland Div. #61	Loon Lake School	Jan. 30, 1984	1 390.00	1 667 600	1 760 319	1 266.42	125
Edson RCS #153	Vanier 2 Core Ports.	Feb. 13, 1984	196.89	113 800	120 127	610.12	50
Leduc Dist. #297	Leduc H.S. Add'n	Feb. 15, 1984	6 698.55	6 863 587	7 245 202	1 081.61	405
Leduc Dist. #297	Leduc H.S. Renov.	Feb. 15, 1984	2 558.59	783 413	838 252	327.62	-10
Lac La Biche Div. #51	Plamondon 2 F.S. Ports.	March 2, 1984	178.38	45 245	47 760	267.76	50
Edm. Pub. #7	Belvedere (C.A.P.E. furnishings)	Nov. 3, 1983		170 497			N/A
Edm. Pub. #7	(C.A.P.E. furniture and landscaping	March 12, 1984		29 653			N/A
Manning RCS #37	Rosary Addition	March 12, 1984	750.00	729 476	770 035	1 026.71	100
Manning RCS #37	Rosary Renovations	March 12, 1984	275.06	124 313	133 015	483.59	0
Ft. McMurray RCS #32	St. John's Addition	March 15, 1984	217.59	243 700	257 250	1 182.27	0
Ft. McMurray RCS #32	St. John's Renovations	March 15, 1984	1 429.92	534 600	572 022	400.04	0
Sturgeon Div. #24	Namao J.H.S. Addition	March 21, 1984	1 673.08	1 583 000	1 671 015	998.77	250
Totals					83 867 434		8 675

TABLE E

Construction Themes Other Than by Public Tender

April 1, 1983 - March 31, 1984

Jurisdiction	School Name	New	Add.	Reno.	Port.	Description	Tender Scheme Date	Gross Area - m²	Estimated Cost - $	Capacity
Edmonton RCS #7	Holy Family 4 Core Port.	•			•	4 Core Ports.	Apr. 12/83	394.53	239 000	100
Vermilion RCS #97	St. Jerome Add'n		•			Addition	Apr. 25/83	580.22	506 025	75
Vermilion RCS #97	St. Jerome Renov.			•		Renovation	Apr. 25/83	654.69	143 027	-25
Picture Butte RCS #79	St. Catherine's Add'n		•			Addition	May 23/83	505.10	380 000	50
Picture Butte RCS #79	St. Catherine's Renov.			•		Renovation	May 23/83	621.59	77 000	0
East Smoky Div. #54	Sunset House core Port.	•			•	Core Portables	June 20/83	103.57	72 653	25
Cty. of Parkland #31	Seba Beach Conn. Corr.		•			Conn. Corr.	June 30/83	8.24	34 000	0
Cty. of Parkland #31	Entwistle Conn. Corr.		•			Conn. Corr.	June 30/83	30.16	43 900	0
Cty. of Parkland #31	Drayton Valley "B" Connecting Corr.	•				Connecting Corr.	June 30/83	20.00	36 500	0
Cty. of Parkland #31	Muir Lake Conn. Corr.		•			Conn. Corr.	June 30/83	76.16	62 000	0
Cty. of Parkland #31	Muir Lake Renov.			•		Renovation	June 30/83	100.00	70 000	25
Cty. of Parkland #31	Muir Lake Add'n (mudroom)	•				Addition (mudroom)	June 30/83	30.63	35 000	0
Calgary Dist. #19	A.E. Cross Renov.			•		Renovation	June 29/83	269.60	69 550	0
Calgary Dist. #19	Dr. E.P. Scarlett Add'n		•			Addition	June 29/83	275.00	256 800	75
Cty. of Red Deer #23	Innisfail H.S. Add'n		•			Addition	July 8/83	50.00	49 000	0
Calgary Dist. #19	Sir Wilfred Laurier Add'n		•			Addition	July 15/83	50.18	56 924	0
Calgary Dist. #19	Sir Wilfred Laurier Renov.			•		Renovation	July 15/83	38.70	24 360	0
Three Hills Div. #60	Carbon Add'n		•			Addition	July 28/83	30.00	10 000	0
Three Hills Div. #60	Pontmain Add'n		•			Addition	July 28/83	23.68	10 500	0
Three Hills Div. #60	Viscount Torrington Add'n		•			Addition	July 29/83	14.98	12 000	0
Three Hills Div. #60	Viscount Torrington Renov.			•		Renovation	July 29/83	158.08	18 200	0
Edm. Pub. Dist. #7	Belvedere C.A.P.E. Renov.			•		Renovation	Aug. 8/83	269.16 & 117.18	84 945	-75
Calgary Dist. #19	Sir Winston Churchill Addition		•			Addition	Sept. 30/83	116.00	133 750	0
Calgary Dist. #19	Sir Winston Churchill Renovation			•		Renovation	Sept. 30/83	122.20	133 750	0
Three Hills Div. #60	Dr. Elliott Add'n		•			Addition (gym, stage)	Jan. 6/84	100.00	112 000	0
Three Hills Div. #60	Dr. Elliott Add'n		•			Addition (I.A.)	Jan. 6/84	390.41	336 025	20
Three Hills Div. #60	Dr. Elliott Renov.			•		Renovation	Jan. 6/84	140.27	70 615	-30
Cardston Div. #2	Mountain View Add'n		•			Addition	Feb. 23/84	719.90	583 500	150
Totals									3 661 024	390

TABLE F

Frequency and Type of School Buildings Board Agenda Items

April 1, 1983 to March 31, 1984

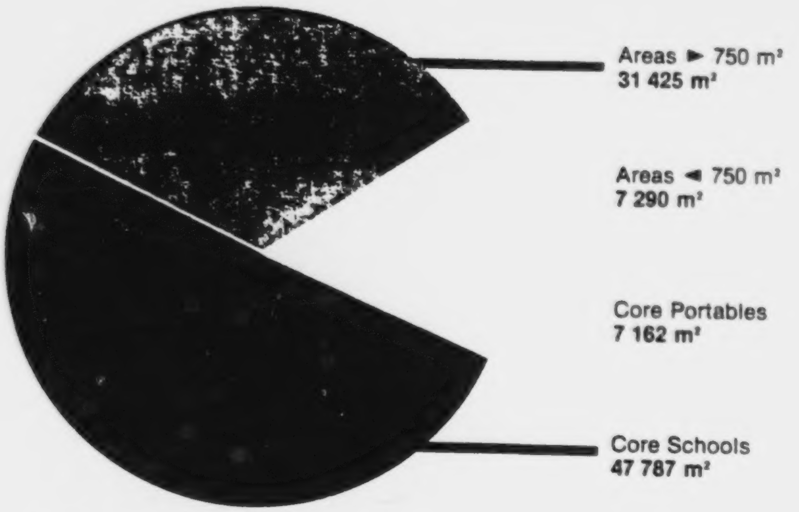
Type of Agenda Item	Number of Items
Capital Budget New Construction Items	104
Capital Budget Modernization Items	41
B.Q.R.P. Items	790
Statement of Eligible and Final Costs	297
Miscellaneous (Special Cases, Intent to Proceed, E.C.S. grants, Capacity Ratings, Clerk of the Works, etc.)	296
Total	1 528

Refer to Table E and Table F for a summary of building projects for which tenders and other schemes of construction were approved during the period April 1, 1983 to March 31, 1984.

FIGURE 1

Construction of New Facilities: Gross Areas in Square Metres

April 1, 1983 - March 31, 1984

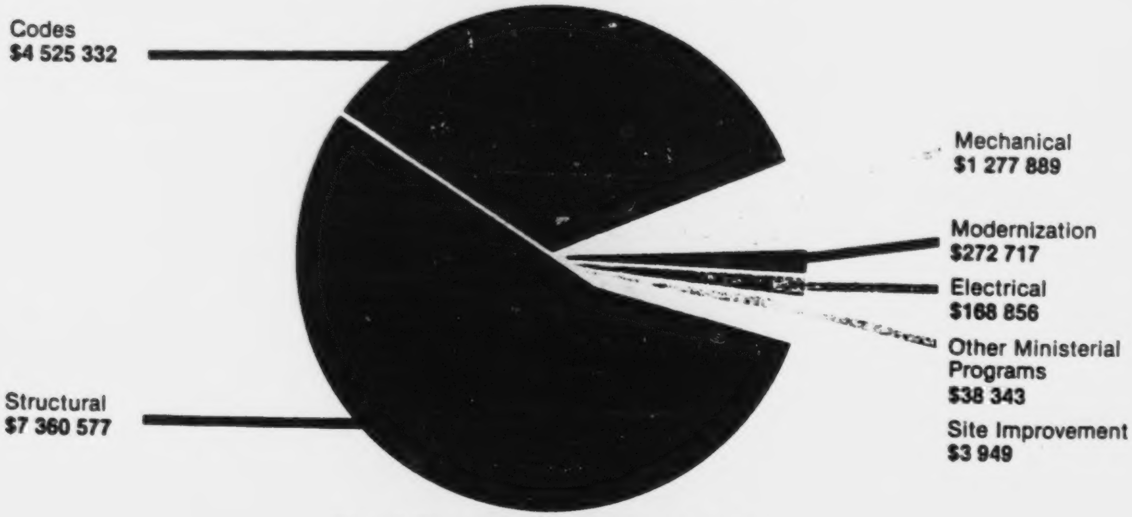


Total Area Constructed 93 664 m²

FIGURE 2

Expenditures on Components of the Building Quality Restoration Program (B.Q.R.P.)

April 1, 1983 - March 31, 1984



Total Expenditures $13 647 663

APPENDIX L

Fire Warden Information

Alberta
EDUCATION

MEMORANDUM

FROM **Senior Fire Warden**

OUR FILE REFERENCE

YOUR FILE REFERENCE

TO **Ben Simon**
Chief Fire Warden
6th Floor, West Tower
Devonian Building

DATE

TELEPHONE

SUBJECT **MONTHLY REPORT FOR: ______________ FLOOR: _____ TOWER: ________**

Indicate by a check mark if the following required duties have been completed.

Ensure that:

_____ 1. **ALL employees are familiar with the emergency evacuation system upon commencement.**

_____ 2. **Chief Warden is informed of floor warden changes.**

_____ 3. **Monitors have been assigned to each disabled person.**

_____ 4. **Exit paths are clear of obstruction and are well marked.**

_____ 5. **All emergency exit doors are:**
- **not blocked, locked, or otherwise obstructed;**
- **not propped open for convenience or to allow for ventilation.**

_____ 6. **There is complete closure of each fire door.**

_____ 7. **Exit door location signs are illuminated.**

_____ 8. **Stairwells are free of any obstructing materials.**

_____ 9. **All lights in stairwells are illuminated.**

_____ 10. **All fire extinguishers are operable and in their place of storage.**

_____ 11. **All electrical outlets are being used in a safe manner.**

_____ 12. **All paper storage and wastepaper baskets are located at a safe distance from copy machines and outlets.**

Signature: ______________________________ **Date:** ____________________

VG 300

APPENDIX M

'Field Packages'

M 1. Current Enrolments. Past Enrolment Sheets, and Updated Assessment and Utilization Work Sheets.

M 2. History of Past Enrolments. Correspondence Related to Utilization. Plans of Individual Schools.

BEST COPY AVAILABLE

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL
AS AT SEPTEMBER 30, 1985

COUNTY

JURISDICTION COUNTY OF THORHILD 87
LEGAL CODE 0007

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
NEWBROOK SCH	2621	10	9	10	6	8	7		15	8	8						81
RADWAY SCH	2622	18	9	10	14	9	17		12	10	7						106
THORHILD ACAD. VOC. HIGH	2624					41	24		35	36	41	4	59	60	50	6	356
THORHILD ELEMENTARY SCH	2625	35	35	35	29			7				2					143
** JURISDICTION TOTALS :		63	53	55	49	58	48	7	62	54	56	6	59	60	50	6	686

483

484

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCIAL AND ADMINISTRATIVE SERVICES

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL
AS AT SEPTEMBER 30, 1984

COUNTY

JURISDICTION COUNTY OF THORHILD #7
LEGAL CODE 0007

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
NEWBROOK SCH	2621	10	11	8	9	7	14		12	12	13						96
RADWAY SCH	2622	8	10	13	11	18	11		11	8	12						102
THORHILD ACAD. VOC. HIGH	2624								43	37	39	6	71	52	75	10	333
THORHILD ELEMENTARY SCH	2625	34	35	32	45	29	34	8				3					220
** JURISDICTION TOTALS :		52	56	53	65	54	59	8	66	57	64	9	71	52	75	10	751

INFORMATION FOR THIS REPORT HAS COMPILED BY: FINANCIAL AND ADMINISTRATIVE SERVICES

ENROLMENTS BY GRADE BREAKDOWN WITHIN JURISDICTION TYPE BY SCHOOL
AS AT SEPTEMBER 30, 1983

COUNTY

JURISDICTION COUNTY OF THORHILD #7
LEGAL CODE 0007

SCHOOL NAME	SCHOOL CODE	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI	ELEM SPEC. EDUC.	GRADE VII	GRADE VIII	GRADE IX	JR HIGH SPEC. EDUC.	GRADE X	GRADE XI	GRADE XII	SR HIGH SPEC. EDUC	TOTAL
NEWBROOK SCH	2621	10	10	10	7	13	13		14	13	17						107
RADWAY SCH	2622	10	14	12	17	13	8		7	14	14						109
THORHILD ACAD. VOC. HIGH	2624								45	49	48	5	54	75	83	5	364
THORHILD ELEMENTARY SCH	2625	35	29	45	27	36	41	13				2					228
** JURISDICTION TOTALS :		55	53	67	51	62	62	13	66	76	79	7	54	75	83	5	808

411
35
79

480

1
364
228
90
672

850

1
333
220
70
623

487

BEST COPY AVAILABLE

488

INFORMATION FOR THIS REPORT WAS COMPILED BY: FINANCE, STATISTICS AND LEGISLATION BRANCH

SCHOOL BUILDINGS ASSESSMENT & UTILIZATION (1984-88)

PAGE: 1

FOR: THORHILD ~~DIST./DIV./~~CTY~~/R.C.S.S.D~~ NO. 7 DATE 86/03/04

NAME OF SCHOOL	TYPE OF CONST.	AGE	ORIG. CAP.	MODERN./RENOV. +/-	CORE PORT CAP.	FREE STAND. PORT.	TOTAL CAPACITY	REDUCTIONS LEASES	REDUCTIONS OTHERS	NET CAPACITY	ENROLMENTS E.C.S (F.T.E.)	ENROLMENTS 1-12	ENROLMENTS TOTAL	% UTIL.	REMARKS
NEWBROOK HIGH	F	1946	45								5	107	112		
	F	1954	75								5	96	101		
	F	1956	100								3	81	84		
	F	1962	25				245			245					
(K-IX) 2621															
RADWAY	F	1948**									4	109	113		*1981 MODERN (-20)
	F	1952**									10	102	112		** DISPOSED 84/03/28
	F	1959	165	-20*			145			145	4	106	110		
(K-IX) 2622															
THORHILD COMP	M	1967	585				585			585		364	364		
												333	333		
												356	356		
(V-XII) 2624															
THORHILD ELEM	M	1958	150								14	228	242		NOTE. 1948,53 SECTS
	M	1959	100				250			250	16	220	236		DISPOSED 84/03/28
											14	143	157		
(K-IV) 2625															
TOTALS			1245	-20			1225			1225	21	686	707		ENROL 85/09/30

OPERATING CAPACITY = (NET CAPACITY X 0.95 =) 1225 X 0.95 = 1163.75 (1165)

UTIL.% (u) = ENROL / OPERATING CAPACITY = 707 / 1165 = 60.69 %

UTIL. FACTOR (U) = UTIL.% / 0.85 = 0.6069 / 0.85 = 0.7140

BEST COPY AVAILABLE

APPENDIX M

'Field Packages'

M 1. Current Enrolments. Past Enrolment Sheets. and Updated Assessment and Utilization Work Sheets.

M 2. History of Past Enrolments. Correspondence Related to Utilization. Plans of Individual Schools.

2070 COUNTY OF THORHILD #7

			ELEMENTARY GRADES									JUNIOR HIGH GRADES						SENIOR HIGH GRADES							
YEAR	ECS (FTE)	% + OR -	I	II	III	IV	V	VI	SPEC. EDUC.	SUB TOTAL	% + OR -	VII	VIII	IX	SPEC. EDUC.	SUB TOTAL	% + OR -	X	XI	XII	SPEC. EDUC.	SUB TOTAL	% + OR -	GRAND TOTAL	% + OR -
1979	3		13	11	11	14	20	21	0	90		21	22	22	0	65		0	0	0	0	0		158	
1980	4	+ 33	9	12	12	13	15	18	0	79	- 12	20	20	20	0	60	- 8	0	0	0	0	0		143	- 9
1981	4		8	8	12	13	15	12	0	69	- 13	17	21	21	0	59	- 2	0	0	0	0	0		132	- 8
1982	6	+ 50	7	10	9	15	13	14	0	68	- 1	15	16	17	0	48	- 19	0	0	0	0	0		122	- 8
1983	5	- 17	10	10	10	7	13	13	0	63	- 7	14	13	17	0	44	- 8	0	0	0	0	0		112	- 8
1984	5		10	11	8	9	7	14	0	59	- 6	12	12	13	0	37	- 16	0	0	0	0	0		101	- 10
	-----		-----	-----	-----	-----	-----	-----	-----	-------		-----	-----	-----	-----	-------		-----	-----	-----	-----	-------		-------	
TOTAL	24		44	51	51	57	63	72	0	338		78	82	88	0	248		0	0	0	0	0		610	
AVERAGE	5		9	10	10	11	13	14	0	68		16	16	18	0	50		0	0	0	0	0		122	

TOTAL % INCREASE OR DECREASE OVER PERIOD :

ECS : + 25   ELEMENTARY : - 25   JUNIOR HIGH : - 38   SENIOR HIGH :   ALL : - 29

INFORMATION FOR THIS REPORT WAS COMPILED BY : FINANCIAL AND ADMINISTRATIVE SERVICES

493

492

492

2070 COUNTY OF THORHILD #7

YEAR	ECS (FTE)	% + OR -	I	II	III	IV	V	VI	SPEC. EDUC.	SUB TOTAL	% + OR -	VII	VIII	IX	SPEC. EDUC.	SUB TOTAL	% + OR -	X	XI	XII	SPEC. EDUC.	SUB TOTAL	% + OR -	GRAND TOTAL	% + OR -
			ELEMENTARY GRADES									JUNIOR HIGH GRADES						SENIOR HIGH GRADES							
1979	8		10	6	9	9	17	15	0	66		14	21	15	0	50		0	0	0	0	0		124	
1980	7	- 13	14	12	8	11	12	17	0	74	+ 12	15	12	21	0	48	- 4	0	0	0	0	0		129	+ 4
1981	6	- 14	14	15	11	7	11	13	0	71	- 4	15	12	12	0	39	- 19	0	0	0	0	0		116	- 10
1982	6		11	14	13	14	8	12	0	72	+ 1	14	17	11	0	42	+ 8	0	0	0	0	0		120	+ 3
1983	4	- 33	10	14	12	17	13	8	0	74	+ 3	7	14	14	0	35	- 17	0	0	0	0	0		113	- 6
1984	10	+150	8	10	13	11	18	11	0	71	- 4	11	8	12	0	31	- 11	0	0	0	0	0		112	- 1
TOTAL	33		57	65	57	60	62	61	0	362		62	63	70	0	195		0	0	0	0	0		590	
AVERAGE	7		11	13	11	12	12	12	0	72		12	13	14	0	39		0	0	0	0	0		118	

TOTAL % INCREASE OR DECREASE OVER PERIOD :

ECS : + 43 ELEMENTARY : - 4 JUNIOR HIGH : - 35 SENIOR HIGH : ALL : - 13

INFORMATION FOR THIS REPORT WAS COMPILED BY : FINANCIAL AND ADMINISTRATIVE SERVICES

2070 COUNTY OF THORHILD #7

```
                   ------------------ ELEMENTARY GRADES ------------------  --------- JUNIOR HIGH GRADES --------  --------- SENIOR HIGH GRADES --------

          ECS   % +                                      SPEC.   SUB   % +                     SPEC.   SUB   % +                     SPEC.   SUB   % +    GRAND  % +
   YEAR  (FTE)  OR -     I    II   III   IV    V    VI   EDUC.  TOTAL  OR -   VII  VIII   IX   EDUC.  TOTAL  OR -    X    XI   XII   EDUC.  TOTAL  OR -   TOTAL  OR -

   1979    0             0    0    0     0     0    0     0       0            49   46    55     3     153           83   88    73     2     246           399

   1980    0             0    0    0     0     0    0     0       0            30   50    46     1     127  - 17     86   77    81     4     248  +  1     375  -  6

   1981    0             0    0    0     0     0    0     0       0            39   30    45     5     119  -  6     89   78    64     2     233  -  6     352  -  6

   1982    0             0    0    0     0     0    0     0       0            49   42    38     4     133  + 12     78   86    81     3     248  +  6     381  +  8

   1983    0             0    0    0     0     0    0     0       0            45   49    48     5     147  + 11     54   75    83     5     217  - 13     364  -  4

   1984    0             0    0    0     0     0    0     0       0            43   37    39     6     125  - 15     71   52    75    10     208  -  4     333  -  9
          -----        ----- ----- ----- ----- ----- ----- ----- -------      ----- ----- ----- ----- -------      ----- ----- ----- ----- -------      -------

  TOTAL    0             0    0    0     0     0    0     0       0           206  208   216    21     651          378  368   384    24    1154          1805
AVERAGE    0             0    0    0     0     0    0     0       0            41   42    43     4     130           76   74    77     5     231           361

  TOTAL  %  INCREASE OR DECREASE OVER PERIOD :

          ECS :                              ELEMENTARY :                    JUNIOR HIGH :  -  2                SENIOR HIGH :  - 16   ALL :  - 11
```

INFORMATION FOR THIS REPORT WAS COMPILED BY : FINANCIAL AND ADMINISTRATIVE SERVICES

2070 COUNTY OF THORHILD #7

			ELEMENTARY GRADES									JUNIOR HIGH GRADES						SENIOR HIGH GRADES							
YEAR	ECS (FTE)	% + OR -	I	II	III	IV	V	VI	SPEC. EDUC.	SUB TOTAL	% + OR -	VII	VIII	IX	SPEC. EDUC.	SUB TOTAL	% + OR -	X	XI	XII	SPEC. EDUC.	SUB TOTAL	% + OR -	GRAND TOTAL	% + OR -
1979	15		30	36	34	43	37	29	13	222		0	0	0	1	1		0	0	0	0	0		238	
1980	18	+ 20	33	33	40	33	47	39	13	237	+ 7	0	0	0	3	3	+200	0	0	0	1	1		259	+ 9
1981	15	- 17	39	34	37	41	36	46	13	246	+ 4	0	0	0	3	3		0	0	0	0	0		264	+ 2
1982	15		31	39	31	34	44	38	12	227	- 8	0	0	0	5	5	+ 67	0	0	0	0	0		247	- 6
1983	15		35	29	45	27	36	41	13	226		0	0	0	2	2	- 60	0	0	0	0	0		243	- 2
1984	17	+ 13	34	38	32	45	29	34	6	217	- 4	0	0	0	3	3	+ 50	0	0	0	0	0		237	- 2
	-----		-----	-----	-----	-----	-----	-----	-----	-------		-----	-----	-----	-----	-------		-----	-----	-----	-----	-------		-------	
TOTAL	80		172	170	185	178	192	198	58	1153		0	0	0	16	16		0	0	0	1	1		1250	
AVERAGE	16		34	34	37	36	38	39	12	231		0	0	0	3	3		0	0	0	0	0		250	

TOTAL % INCREASE OR DECREASE OVER PERIOD :

ECS : - 6 ELEMENTARY : - 8 JUNIOR HIGH : SENIOR HIGH : ALL : - 8

INFORMATION FOR THIS REPORT WAS COMPILED BY : FINANCIAL AND ADMINISTRATIVE SERVICES

2070 COUNTY OF THORHILD #7

	ECS	% +							SPEC.	SUB	% +				SPEC.	SUB	% +				SPEC.	SUB	% +	GRAND	% +
YEAR	(FTE)	OR -	I	II	III	IV	V	VI	EDUC.	TOTAL	OR -	VII	VIII	IX	EDUC.	TOTAL	OR -	X	XI	XII	EDUC.	TOTAL	OR -	TOTAL	OR -
			ELEMENTARY GRADES									**JUNIOR HIGH GRADES**						**SENIOR HIGH GRADES**							
1979	26		63	53	54	58	74	63	13	378		84	89	92	4	269		83	88	73	2	246		919	
1980	29	+ 12	56	57	60	56	74	74	13	390	+ 3	68	79	87	4	238	- 12	86	77	81	5	249	+ 1	906	- 1
1981	25	- 14	61	57	60	61	62	72	13	386	- 1	71	63	78	8	220	- 8	89	78	64	2	233	- 6	864	- 5
1982	27	+ 8	48	63	53	63	65	63	12	367	- 5	75	78	66	9	228	+ 4	76	86	83	3	248	+ 6	870	+ 1
1983	24	- 11	55	53	67	51	62	62	13	363	- 1	66	76	79	7	228		54	75	83	5	217	- 12	832	- 4
1984	32	+ 33	52	56	53	55	64	59	8	347	- 4	66	57	64	9	196	- 14	71	52	75	10	208	- 4	783	- 6
TOTAL	137		273	286	293	298	317	329	59	1853		346	353	374	37	1110		376	368	386	25	1155		4255	
AVERAGE	27		55	57	59	60	63	66	12	371		69	71	75	7	222		75	74	77	5	231		851	

TOTAL % INCREASE OR DECREASE OVER PERIOD :

ECS : + 10 ELEMENTARY : - 11 JUNIOR HIGH : - 18 SENIOR HIGH : - 16 ALL : - 14

INFORMATION FOR THIS REPORT WAS COMPILED BY : FINANCIAL AND ADMINISTRATIVE SERVICES

THE COUNTY OF THORHILD NO. 7

OFFICE OF THE SUPERINTENDENT
THORHILD – ALBERTA
T0A 3J0

PHONE 398-3741

May 4, 1984

RECEIVED

[illegible]

SCHOOL BUILDINGS

Dr. John W. Kulba, Director
School Buildings Services Branch
Alberta Education
5th Floor, Devonian Building
11160 - Jasper Avenue
Edmonton, Alberta
T5K 0L2

Dear Dr. Kulba,

RE: Pupil Capacity Rating; Thorhild Academic Vocational High School

We are of the opinion that the pupil capacity rating of 635 students at Thorhild Academic Vocational High School is considerably in excess of the number that can be realistically accommodated.

We are requesting therefore, a review of the present rating by your staff. I would be pleased to discuss our concerns should you feel this would be helpful.

Thank you for the consideration you will give this specific matter.

Sincerely,

Roman A. Wiznura
Superintendent of Schools

c.c. Mr. D. Barnes, Chairman
Board of Education

Mr. L. Larose
Ass't Sec-Treas

RAW/kns

Alberta
EDUCATION

Office of the Deputy Minister

10th Floor, Devonian Building, 11160 Jasper Avenue, Edmonton, Alberta, Canada T5K 0L2 403/427-2889

March 28, 1984

MAR 30 [illegible]
[illegible]

Mr. Roman A. Wiznura
Superintendent of Schools
County of Thorhild No. 7
THORHILD, Alberta
T0A 3J0

Dear Mr. Wiznura:

RE: Disposal of Thorhild Elementary & Radway Schools

In accordance with Section 104(2) of the School Act, Ministerial approval has been given to the County of Thorhild No. 7, as requested by the Board of Trustees, to dispose of the 1948 and 1953 Sections of Thorhild Elementary School and the 1948 and 1952 Sections of Radway School.

If disposal will be by sale, then the Board is obligated to adhere to the provisions of Section 104 of the School Act. Please forward copies of the appraisals and tenders (if applicable) to Dr. Neil Gannon, Director, School Business Administration Services, for record purposes.

Should the property be sold to an employee of the County of Thorhild, then prior approval of the Minister is required under Section 78(3)(b) of the School Act.

In addition, you should note that relevant portions of Section 124 of the School Act will apply when use of the proceeds is considered by the County.

Sincerely,

Reno A. Bosetti
Deputy Minister

cc: Dr. N. C. Gannon, Director, School Business Administration Services
Dr. J. W. Kulba, Director, School Buildings Services
Mr. L. S. Grant, Coordinator, School Buildings Board
Mr. M. P. Monaghan, Field Administrative Officer, School Business Adm. Ser.
Mr. H. Lehmann, Administrative Officer, School Business Adm. Ser.

✓

Alberta
EDUCATION

MEMORANDUM

FROM	Dr. John Kulba Director School Buildings Services	OUR FILE REFERENCE YOUR FILE REFERENCE	
TO	Mr. H. Lehmann Business Administration Officer School Business Administration	DATE TELEPHONE	February 24, 1984 427-2973

SUBJECT Disposal of Thorhild Elementary & Radway Schools
County of Thorhild No. 7

Please find attached recommendation from Mr. H. Le, Manager, Engineering Services which indicates disposal should be considered. I concur with Mr. Le's assessment and recommend disposal.

John

John Kulba

JWK/lch

Att'd.

Alberta
EDUCATION

MEMORANDUM

FROM H. D. Le
Manager, Engineering Services
School Buildings Services

TO Dr. John Kulba
Director
School Buildings Services

OUR FILE REFERENCE
YOUR FILE REFERENCE
DATE February 14, 1984
TELEPHONE

SUBJECT Thorhild Elementary and Radway Schools

Please find attached a copy of my report on "School Facilities Survey, County of Thorhild No. 7" for your information. The survey was conducted by a team of Alberta Education staff in June, 1982.

Our recommendations with respect to the building sections referred to in the School Board's letter of application for disposal are as follows:

1. It is recommended that the 1948 and 1953 sections of Thorhild Elementary School be disposed.
2. It is also recommended that the 1948 and 1952 sections of Radway School be disposed.

For further details, please refer to the attached report.

H. D. Le

HDL/lch

Att'd.

Alberta
EDUCATION

MEMORANDUM

FROM H. D. Le
Manager, Engineering Services
School Buildings Services

OUR FILE REFERENCE

YOUR FILE REFERENCE

TO Dr. John Kulba
Director
School Buildings Services

DATE February 14, 1984

TELEPHONE

SUBJECT Thorhild Elementary and Radway Schools

Please find attached a copy of my report on "School Facilities Survey, County of Thorhild No. 7" for your information. The survey was conducted by a team of Alberta Education staff in June, 1982.

Our recommendations with respect to the building sections referred to in the School Board's letter of application for disposal are as follows:

1. It is recommended that the 1948 and 1953 sections of Thorhild Elementary School be disposed.
2. It is also recommended that the 1948 and 1952 sections of Radway School be disposed.

For further details, please refer to the attached report.

H. D. Le

HDL/lch

Att'd.

①

Mike Lee
We require an inspection and report as to condition of these areas. See Me.

OUNTY OF THORHILD NO. 7

OFFICE OF THE SUPERINTENDENT
THORHILD – ALBERTA
T0A 3J0

PHONE 398-3741

RECEIVED
[illegible]
SCHOOL BUILDINGS

. David King
ation
Building
a
T5K 2B6

Dear Mr. King:

RE: Permission for Disposal of School Buildings

The Board of Education respectfully requests Ministerial approval for disposal of the following:

1. The 1948 and 1953 sections of Thorhild Elementary School located in the Village of Thorhild, and
2. The 1948 and 1952 sections of Radway School in the Village of Radway, and

that such approval allow for disposal of the above to be exercised within the next three years.

The above request is submitted in accordance with Board of Education Resolution # 98-84 which directs:

> "that permission of the Minister be requested to:
>
> 1. dispose of the 1948 and 1953 sections of Thorhild Elementary School, and
> 2. dispose of the 1948 and 1952 sections of Radway School
>
> within the next three years."

The County has consulted with School Buildings Board personnel.

Your favorable consideration of the Board's request will be appreciated.

Yours Sincerely,

Roman A. Wiznura
Superintendent of Schools

cc: Mr. D. Barnes, Board of Education
✓Dr. John Kulba, Director
School Buildings Board

Original Copy forwarded To Harris Kathy

BEST COPY AVAILABLE

APPENDIX "B"

Alberta
EDUCATION

Devonian Building, West Tower, 11160 Jasper Avenue, Edmonton, Alberta, Canada T5K 0L2

July 8, 1982

Mr. Roman A. Wiznura
Superintendent of Schools
County of Thorhild No. 7
Thorhild, Alberta
TOA 3J0

Dear Mr. Wiznura:

Re: School Facilities Survey

First we would like to thank you and your colleagues for the hospitality extended to Dr. Hathaway, Mr. Flanagan, Mr. Hancke and myself during our visit to the schools.

Following is the summary of the discussion and recommendations presented in our meeting with yourself on June 18, 1982.

It must be noted that our general assessment and recommendations are based solely on our cursory inspection of the school building facilities and should therefore be used for initial facility planning purpose only.

1. Thorhild Elementary School

   a. 1948 and 1953 Original Building

      This wood framed building showed some deterioration in the foundation walls. The building is of poor construction quality. The architectural finishes of both interior and exterior, the mechanical and electrical services were in very poor or well-aged condition throughout. The entire building requires extensive upgrading and repairs which would be very costly. Upgrading/modernization of the building would not appear to be economically viable.

      It is noted that the 1948 section has served its life expectancy (35 years) and the 1953 section has 5 years left in its expected life.

      [redacted] that the School Board consider [redacted]e it or part of it to community non-profit organizations.

Alternatively, School Board may wish to discontinue using the building for school purpose and only keep it until the 1953 section reaches its life expectancy (that is 5 years from now).

If the School Board decided to dispose of the building and submitted application for disposal to the School Capital and Finance Committee, and the Committee approved such disposal, the School Board would have to pay for the non-depreciated portion of the 1953, in new construction, 58.6 m^2. However, [redacted]

If the School Board decided to lease (by agreement) the facility to a community organization incorporated under the Societies Act, it may submit application to the School Buildings Board for consideration of space exemption. It must be noted that the building would still require some upgrading for code and structural safety requirements even if it is to be used for community purpose.

b. 1958 and 1959 Building

The readily exposed structural elements (glued laminated beams in classrooms, library and gym, concrete wall in the basement mechanical room and floor joists in the crawlspace next to the mechanical room) appeared to be in sound condition. There was no sign of major structural deterioration on the wall and ceiling surfaces.

This building interior requires some upgrading including classroom wall finish and shelving, new corridor floor finish and lockers, gymnasium floor and ceiling finishes etc. The building exterior needs new wall finish, new windows and upgrading for aesthetics.

Electrical and mechanical services would require upgrading if the building is to modernized.

It is recommended that the School Board consider modernization or upgrading of these building sections for further use.

School Board may submit application under the B.Q.R.P., Modernization Category for complete modernization or under other categories of the B.Q.R. Program for upgrading of individual building components.

2. Thorhild High School

Based on discussion with the Superintendent of Schools, the physical condition of this relatively new school building was not of prime concern. Therefore, only a brief walkthrough inspection was provided. The following points were noted during our visit:

- Building maintenance should be stepped up in a number of areas such as the corridors in order to prevent major repair expenses in the future.
- It was reported by the maintenance supervisor, Mr. Mike Prodaniuk, the building experienced some defects in the roof finish and poor mechancial zoning controls.
  It is therefore suggested that School Board may wish to engage consultants to investigate and report on the roof condition and the mechanical problems and make applications as required for support consideration under the B.Q.R. Program.
- With regard to the discussion relating to the building changes for computer technology, provincial support is, at this stage, limited to the provision of conduits for computer terminals.
- As to storage space for upper level cafeteria, application may be submitted to the School Buildings Board for support consideration under the renovation section of the School Buildings Regulation.

3. New Brook School

The total school facility consists of the 1948 original section, 1954, 1956 and 1962 additions. Most of the building structures and foundations were covered with architectural finishes or below grade and were therefore not readily accessible for inspection. Exposed structural and foundation elements such as the glued laminated beams in the gymnasium (1956 section), the top part of exterior concrete walls of the building, and concrete walls in the furnace room (1956 section) appeared to be in structurally sound condition. There was no evidence on the wall, ceiling and floor surfaces of any major deterioration or deflection of the building structures and foundations.

Roof finish of the 1948/1954 section and the 1956 section were reportedly replaced about 4 and 12 years ago respectively. The building exterior requires upgrading and modernization for aesthetics to include new exterior wall finish, windows, fascia and eave upgrading. The building interior also requires a major upgrading of architectural finishes including new wall and ceiling finishes to replace tentest and plywood finishes, new millwork, new lockers and doors for a number of areas. Interior finishes and doors for a number of rooms are to be upgraded for code requirements.

The lighting fixtures appeared to be in well-aged condition and should be upgraded. Other electrical services including supply and distribution systems and fire safety systems also require upgrading to meet building code and fire safety requirements.

The heating systems (hot water for the 1948/54 sections and steam heating for 1956/62 sections) were already upgraded with new boilers. The systems however, require upgrading of circulation, ventilation and control components.

The lower level dressing rooms (1956 section) should be repaired for structural longevity and closed off. New dressing and shower facilities may be provided on the main floor, such as the possibility of conversion of Classroom No. 24.

Based on the above preliminary assessment of the building condition, this building could be modernized for further use. It is recommended that the School Board consider modernization of all or part of the school building for further use in accordance with present and future needs.

If only part of the school building space is required to meet present and future needs, the School Board may consider modernization of the whole building except part or all basement area of the 1948/1954 wing. Some limited upgrading of the basement area would still be required for structural and fire safety.

4. Radway School

The school facility consists of the north wing (1948/52 original sections) and the south wing 1959 addition.

a. 1948/1952 Building Sections

Based on our visual observations, these building sections were in pretty much the same condition as already described above (item 1a) for the [illegible] original building of Thorhild Elementary School.

The above mentioned recommendations also apply to these building sections.

b. 1959 Building Section

The readily exposed structural and foundation components appeared to be in sound condition. They include the roof glued laminated beams throughout the building, floor joists and beams, concrete foundation walls and piles in the crawlspace under the gym, library and east classroom wing.

The building exterior may be upgraded for aesthetics. The building interior was in generally fair condition. However, interior finishes require replacement in a number of areas such as Classroom 14 and existing Home Economics classroom. Millwork and lockers also require upgrading. Boys and girls shower rooms were in poor condition and need extensive upgrading.

The steam heating system was reported to be in working condition. Some upgrading of the mechanical services such as control and improved circulation/ventilation may be considered if the building is to be modernized. Electrical services require some upgrading to meet fire code requirements.

It was noted that the administration and staff areas are inadequate. Adequate facilities may be provided by conversion of some existing areas. The School Board may also wish to convert the home economics room into a lunch ancillary.

Overall, the 1959 building section could be modernized or upgraded for further use.

It is recommended that the School Board consider either modernization or upgrading of individual building components as required. Submission may be made under Modernization Category or other categories of the B.Q.R. Program for support consideration.

I hope that the above information will be of some use to your School Board and yourself.

It should be noted that the above assessment and recommendations are for use in initial facility planning only. Once your School Board decides to upgrade or modernize any building, further detail inspection and upgrading plan preparation by engineer/architect would be required.

If you need more information or advice, please let us know.

Yours truly,

H. D. Le
Manager, Engineering Services
School Buildings Branch

HDL/lch

cc Dr. W. Hathaway
Mr. F. Flanagan

Att'd. Plans of Schools

Alberta

J. W. KULBA
Director of
School Buildings Administration
Education

QUICK MEMO

DATE Jan 20 19 84

Memo To Horst Lehmann

Re: School Capital Committee

- ☐ Please note and return with your comments or suggestions
- ☐ For your information
- ☐ For your attention
- ☐ O.K. if in order and return
- ☐ Please attach papers or file on subject and return
- ☐ For approval (and, or) signature
- ☐ Please discuss with me
- ☐ Please investigate and report
- ☐ Please draft reply for my signature
- ☐ Please draft reply for signature
- ☐ Please reply directly–referred from this office and return copy of your reply
- ☐ Returned as requested
- ☐
- ☐

Remarks Please place before School Capital Committee *

Thank you

Kathy

* Next meeting scheduled for Feb 21/84.

THE COUNTY OF THORHILD NO. 7

OFFICE OF THE SUPERINTENDENT
THORHILD – ALBERTA
TOA 3J0

PHONE 398-3741

RECEIVED
JAN [illegible]
SCHOOL BUILDINGS

January 16, 1984

The Honorable Mr. David King
Minister of Education
319 Legislature Building
Edmonton, Alberta
T5K 2B6

Dear Mr. King:

RE: Permission for Disposal of School Buildings

The Board of Education respectfully requests Ministerial approval for disposal of the following:

1. The 1948 and 1953 sections of Thorhild Elementary School located in the Village of Thorhild, and
2. The 1948 and 1952 sections of Radway School in the Village of Radway, and

that such approval allow for disposal of the above to be exercised within the next three years.

The above request is submitted in accordance with Board of Education Resolution # 98-84 which directs:

> "that permission of the Minister be requested to:
>
> 1. dispose of the 1948 and 1953 sections of Thorhild Elementary School, and
> 2. dispose of the 1948 and 1952 sections of Radway School
>
> within the next three years."

The County has consulted with School Buildings Board personnel.

Your favorable consideration of the Board's request will be appreciated.

Yours Sincerely,

Roman A. Kiznura
Superintendent of Schools

cc: Mr. O. Barnes, Board of Education
✓Dr. John Kulba, Director
School Buildings Branch

Alberta
EDUCATION

MEMORANDUM

FROM J. Cameron
Field Administrative Officer

TO H. Lehmann, Secretary
School Capital
Finance Committee

OUR FILE REFERENCE

YOUR FILE REFERENCE

DATE January 26, 1984

TELEPHONE

SUBJECT Disposal of School Buildings
County of Thorhild No. 7

The County of Thorhild No. 7 has applied to the Minister to dispose of the following.

1. The 1948 and 1953 Sections of the Thorhild Elementary School, and

2. The 1948 and 1952 sections of the Roadway School,

and that such approval allow for disposal to be exercised within the next three years.

There are no outstanding debentures on either school.

Please place this request before the School Capital Finance Committee.

John.
J. Cameron

JC/klh

cc: J.W. Kulba

Alberta

EDUCATION

RETURN TO MINISTER

FROM: Minister

Minister's Office Date: January 19, 1984

TO: ☒ Deputy Minister

Deputy Minister's Office Date: Jan 23

☐ B. Duke

RE: Mr. Roman Wiznura, County of Thorhild disposal of school buildings

Action Request No. 7906

The attached has been received and acknowledged by this office. It would be appreciated if you would:

☒ Draft a reply for my signature — return with attached letter.

☐ Reply directly, stating the communication was forwarded for your attention by this office.

☐ Submit your comments and recommendations and return with attached.

☐ Discuss the matter with me.

☐ Take any action you feel is necessary.

☐ Prepare a brief precis summarizing highlights and return with attached.

REMARKS Due Jan 31

PLEASE COMPLETE ON RECEIPT AND DISPATCH OF ATTACHED CORRESPONDENCE, AND RETURN ALONG WITH DRAFT, ETC., ONCE ACTION HAS BEEN COMPLETED.

Received by	Date	Initials	Dispatched to	Date
	JAN 2	SK	Bil	Jan 23
Bill Duke	Jan 24	Bill	Neil Gannon	Jan 24
Neil Gannon	Jan. 24	DP.	John Cameron	Jan 25

DESCRIBE ACTION TAKEN

EDUCATION

Office of the Minister

319 Legislature Building, Edmonton, Alberta, Canada T5K 2B6 403/427-2025

January 19, 1984

Our ref. AR9206

Mr. Roman A. Wiznura
Superintendent of Schools
County of Thorhild No. 7
Thorhild, Alberta
TOA 3JO

Dear Mr. Wiznura:

On behalf of the Honourable David King, Minister of Education, I would like to acknowledge receipt of your letter dated January 16th concerning disposal of school buildings.

Your letter will be placed before the Minister at the earliest opportunity and you may expect a further response in the near future.

Thank you for writing.

Sincerely,

Myrna Derieu
Secretary to the
Executive Assistant

THE COUNTY OF THORHILD NO. 7

OFFICE OF THE SUPERINTENDENT
THORHILD – ALBERTA
T0A 3J0

PHONE 398-3741

January 16, 1984

JAN 1984

The Honorable Mr. David King
Minister of Education
319 Legislature Building
Edmonton, Alberta
T5K 2B6

G.2.6
[illegible]

Dear Mr. King:

RE: Permission for Disposal of School Buildings

The Board of Education respectfully requests Ministerial approval for disposal of the following:

1. The 1948 and 1953 sections of Thorhild Elementary School located in the Village of Thorhild, and
2. The 1948 and 1952 sections of Radway School in the Village of Radway, and

that such approval allow for disposal of the above to be exercised within the next three years.

The above request is submitted in accordance with Board of Education Resolution # 98-84 which directs:

> "that permission of the Minister be requested to:
>
> 1. dispose of the 1948 and 1953 sections of Thorhild Elementary School, and
> 2. dispose of the 1948 and 1952 sections of Radway School
>
> within the next three years."

The County has consulted with School Buildings Board personnel.

Your favorable consideration of the Board's request will be appreciated.

Yours Sincerely,

Roman A. Wiznura
Superintendent of Schools

cc: Mr. D. Barnes, Board of Education
Dr. John Kulba, Director
School Buildings Branch

Alberta
EDUCATION

Devonian Building, West Tower, 11160 Jasper Avenue, Edmonton, Alberta, Canada T5K 0L2

February 11, 1984

Mr. R. A. Wiznura
Superintendent
County of Thorhild No. 7
THORHILD, Alberta
T0A 3J0

Dear Mr. Wiznura:

Re: 1984-88 Assessment & Utilization

Please find attached new Assessment & Utilization worksheets for your jurisdiction. These sheets have been completed using the 1984-88 approved exemption of 5%, all leases and special education exemptions.

If you have any questions please feel free to call.

Yours truly,

Larry Wilson
Plans Examiner
School Buildings Services
427 - 7227

LKW/lat

Att'd.

Alberta 75
1905 1980

EDUCATION

Devonian Building, West Tower
11160 Jasper Avenue
Edmonton, Alberta, Canada
T5K 0L2

1980 12 05

Mr. H. E. Miller
Superintendent of Schools
County of Thorhild No. 7
Thorhild, Alberta
TOA 3J0

Dear Mr. Miller:

Re: Capacity Rating

Further to your letter of September 19, 1980, and November 12, 1980, the School Buildings Board has reviewed and approved the following:

School Name	Fixed Cap.	Core Port.	F. S. Port.	Total Cap.	Reductions Age,	CR,	Other,	Oper. Cap.
Newbrook H.S.	245			245		25		220
Radway	340			340		25	25[1]	290
Thorhild C.H.S.	635			635		50		585
Thorhild J.H.S.	250			250		25		225
Thorhild Elem.	175			175		25		150
TOTALS	1645			1645		150	25	1470

Attached for your records is a copy of your Assessment/Utilization. Should you have any questions, do not hesitate to call.

Please note that the above capacity rating will not become effective until your board opts into the New Funding scheme.

Yours truly,

L. S. Grant
Co-ordinator and Secretary
School Buildings Board

LKW/acg
enc.

[1] 25 exemption for classroom converted to library

BEST COPY AVAILABLE

[illegible] - WORK SHEET

SCHOOL BUILDINGS ASSESSMENT AND UTILIZATION

For: Thorhild [illegible]/Cty. No. 7 Date: 1980 11 18

NAME OF SCHOOL	TYPE OF CONST.	AGE	ORIG. CAP.	RENOV. +/-	CORE PORT. CAP.	TOTAL CAP.	FREE STAND. PORT.	REDUCTIONS			OPER. CAP.	ENROLMENTS			% UTIL.	REMAR
								AGE	CAP.	OTHERS (describe)		E.C.S. (pro-rat.)	1 - 12	TOTAL		
Newbrook High	F	1946	45													1946 Sec. Write off
	F	1954	75													
	F	1956	100													
	F	1962	25			245		0	25		220					
adway	F	1948	75													
	F	1952	100													
	F	1959	165			340		0	25	*25	290					*C.R. converted to Library
Thorhild Comp.	M	1967	635			635		0	50		585					
Thorhild Junior	M	1958	150													
	M	1959	100			250		0	25		225					
rhild Elem.	F	1948	75													
	F	1953	100			175		0	25		150					
TOTALS			1645			1645		0	150	25	1470	11	893	904	61.50	

Alberta 75
1905
1980

EDUCATION

Devonian Building, West Tower
11160 Jasper Avenue
Edmonton, Alberta, Canada
T5K 0L2

1980 11 18

Mr. H. E. Miller
Superintendent of Schools
County of Thorhild No. 7
Thorhild, Alberta
T0A 3J0

Dear Mr. Miller:

Re: Capacity Rating

Thank you for your letter of November 12, 1980, showing revisions to our capacity rating dated October 10, 1980.

Radway School: We accept your conversion of classroom No. 41 to a library and a new capacity form approved by the board will be following shortly.

Thorhild Academic Vocational High School: Your figures are correct except for -- auxillary classrooms, there are three but one of them(stage auxillary) qualifies for 2 stations due to size, therefore, 3 auxillaries = 100. The other change is in the 5 business education rooms, room No. 34 qualifies for two stations due to size, therefore, 5 Business Education Rooms = 150. These two, two station rooms add 50 onto your figures, so 585 + 50 = 635 which agrees with our rating.

I hope this clears up the confusion, but feel free to contact me if you have any further questions.

Yours truly,

L. K. Wilson
Plans Examiner
School Buildings Branch

LKW/ag

THE COUNTY OF THORHILD NO. 7
OFFICE OF THE SUPERINTENDENT
THORHILD – ALBERTA
T0A 3J0
PHONE 398-3741

November 12, 1980

Mr. L. S. Grant
Co-ordinator and Secretary
School Buildings Board
11160 Jasper Avenue
Edmonton, Alberta
T5K 0L2

Dear Mr. Grant:

Re: Capacity Rating

With reference to your letters of October 10 and 27, 1980, a review of our school capacities reveals the following:

Radway School

✓ Room 41 as per attached line drawing is a library. Hence, the capacity of Radway School should be reduced by 25 with a resulting Fixed Capacity of 315 and a revised operational capacity of 290.

Thorhild Academic Vocational High School

A review of the line drawings of this school indicates the following in terms of student facilities:

10 Classrooms @25	250
1 Language Lab @25	25
3 Auxillary Classrooms @25	75
1 Home Economics @20	20
1 Industrial Arts @20	20
1 Electronics @20	20
2 Science Labs @25	50
5 Business Education Rooms @25	125
TOTAL	585

When one applies the 50 reduction, it would appear this building should be rated for 535 students rather than 585. Would you therefore please review your records with a view of determining the reason for discrepancy.

Yours sincerely,

H. E. Miller
Superintendent of Schools

HEM/lr

THE COUNTY OF THORHILD NO. 7

OFFICE OF THE SUPERINTENDENT
THORHILD – ALBERTA
T0A 3J0

PHONE 398-3741

September 19, 1980

SCHOOL BUILDINGS
SEP 2 3 1980
RECEIVED

C. P. Eliuk
Data Systems Administration
School Buildings Branch
Alberta Education
11160 Jasper Avenue
Edmonton, Alberta
T5K 0L2

Dear Mr. Eliuk:

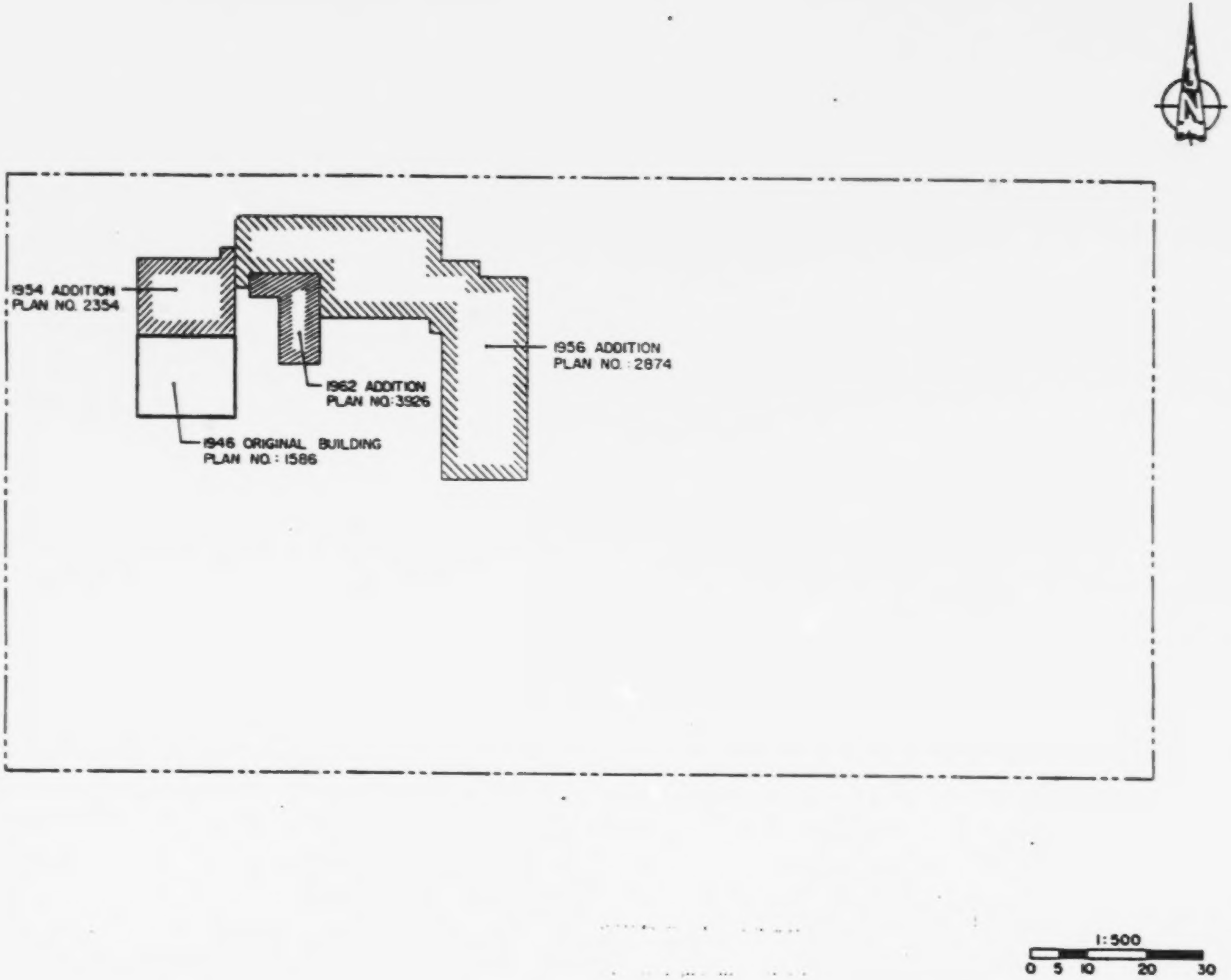
We are returning herewith our jurisdiction's assessment/utilization work sheet togeher with individual school plans. We have replaced school plans for Newbrook, Thorhild Elementary and Thorhild Academic Vocational High School with copies of updated plans received on February 28, 1980 from Don Thierman, Co-ordinator, Project Space Phase II.

Yours sincerely,

H. E. Miller
Superintendent of Schools

HEM/lr

RECEIVED
SEP 2 3 1980
SCHOOL BUILDINGS

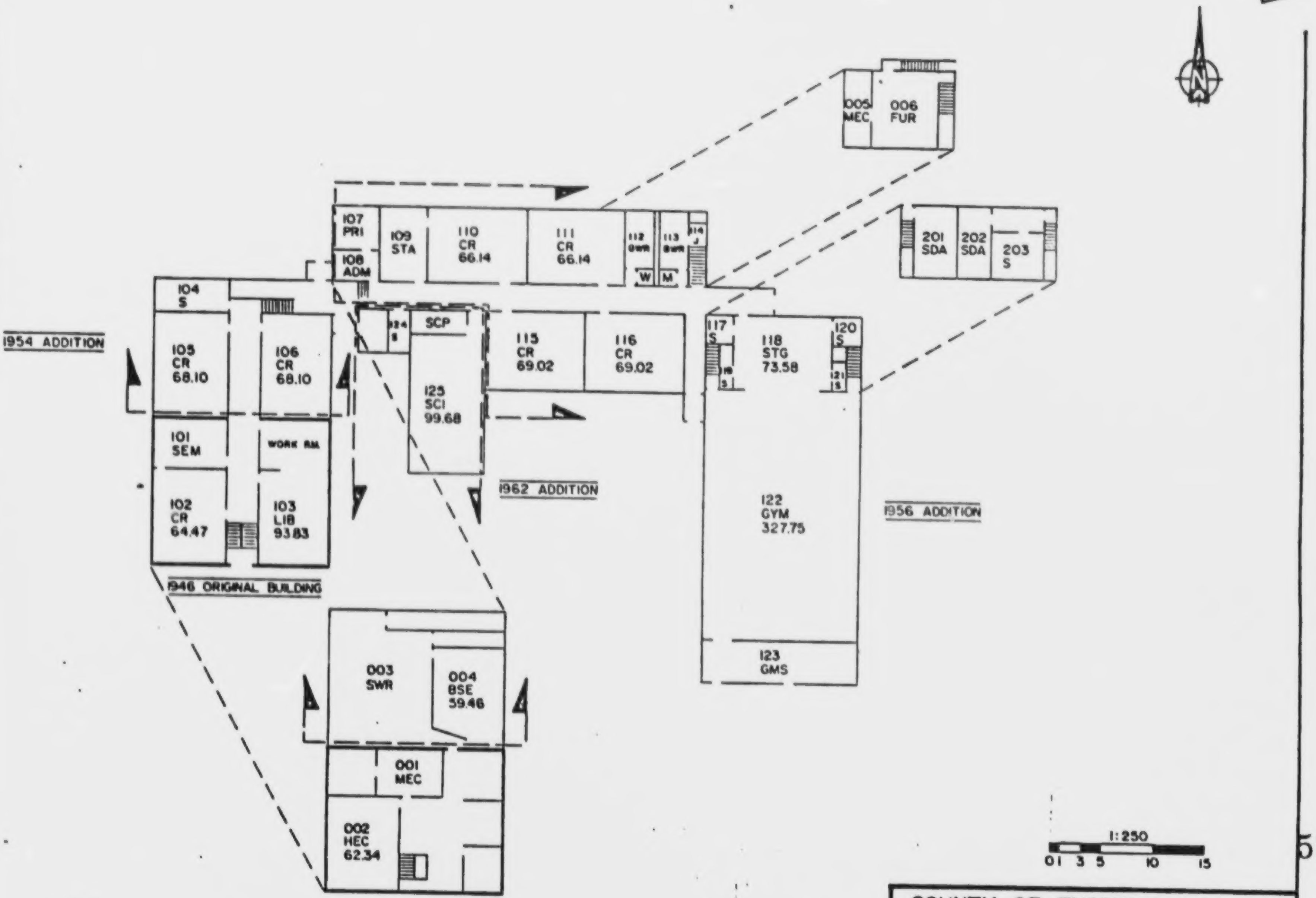

1954 ADDITION
PLAN NO. 2354
1956 ADDITION
PLAN NO. : 2874
1962 ADDITION
PLAN NO: 3926
1946 ORIGINAL BUILDING
PLAN NO. : 1586
N
1:500
0
5
10
20
30

COUNTY OF THORHILD NO. 7

NEWBROOK SCHOOL

SCHOOL BUILDINGS SERVICES

DATE: 84/11/22	SITE PLAN	PLT. ID: 00688
DWN. BY: E.J.		CODE: 2621


005 MEC
006 FUR
107 PRI
108 ADM
109 STA
110 CR 66.14
111 CR 66.14
112 GWR
113 BWR
114 J
W
M
201 SDA
202 SDA
203 S
104 S
1954 ADDITION
105 CR 68.10
106 CR 68.10
124 S
SCP
125 SCI 99.68
115 CR 69.02
116 CR 69.02
117 S
118 STG 73.58
119 S
120 S
121 S
101 SEM
WORK RM.
102 CR 64.47
103 LIB 93.83
1962 ADDITION
122 GYM 327.75
1956 ADDITION
1946 ORIGINAL BUILDING
123 GMS
003 SWR
004 BSE 59.46
001 MEC
002 HEC 62.34
N
1:250
0 1 3 5 10 15

COUNTY OF THORHILD NO. 7

NEWBROOK SCHOOL

SCHOOL BUILDINGS SERVICES

DATE: 84/11/21
DWN. BY: E.J.

FLOOR PLAN

PLT. ID: 00688
CODE: 2621

1946 FRAME CONST
PLAN NO. : 1586
GROSS AREA : 513.09 m^2
CAPACITY : 45

RM. NO.	CODE	AREA m^2	CAP.
001	MEC	46.73	
002	HEC	62.34	20
101	SEM	29.36	
102	CR	64.47	25
103	LIB	93.83	

1954 FRAME CONST.
PLAN NO. : 2354
GROSS AREA : 485.96 m^2
CAPACITY : 75

RM NO.	CODE	AREA m^2	CAP.
003	SWR	119.84	
004	BSE	59.46	25
104	S	21.00	
105	CR	68.10	25
106	CR	68.10	25

1956 FRAME CONST.
PLAN NO. : 2874
GROSS AREA : 1312.12 m^2
CAPACITY : 100

RM NO.	CODE	AREA m^2	CAP.
005	MEC	17.19	
006	FUR	44.68	
107	PRI	13.93	
108	ADM	13.84	
109	STA	32.51	
110	CR	66.14	25
111	CR	66.14	25
112	GWR	16.16	
113	BWR	16.16	
114	J	5.57	

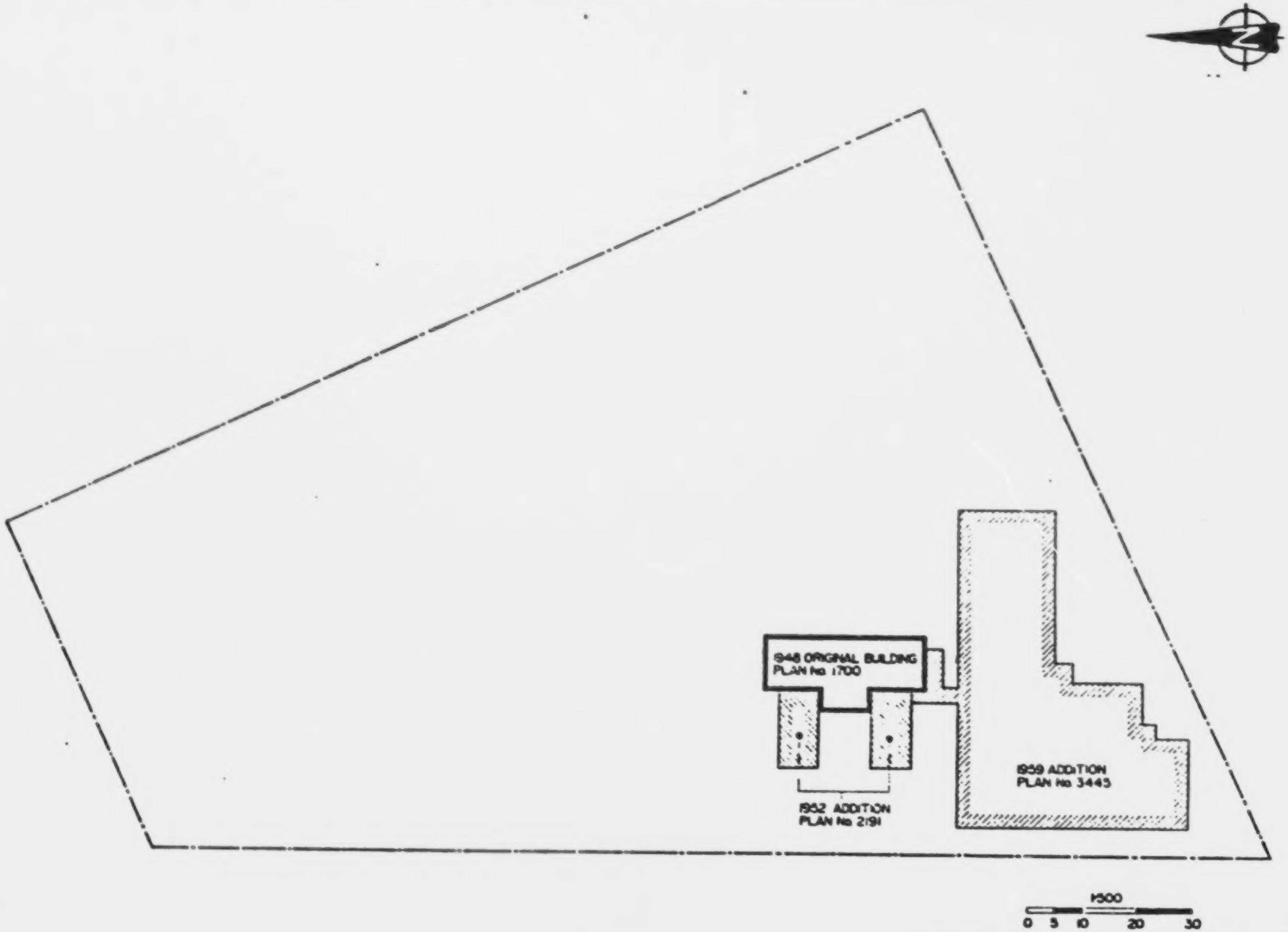
RM NO.	CODE	AREA m^2	CAP
115	CR	69.02	25
116	CR	69.02	25
117	S	9.48	
118	STG	73.58	
119	S	4.74	
120	S	9.48	
121	S	2.79	
122	GYM	327.75	
123	GMS	57.23	
201	SDA	26.38	
202	SDA	22.02	
203	S	17.84	

1962 FRAME CONST.
PLAN NO : 3926
GROSS AREA : 149.01 m^2
CAPACITY : 25

RM. NO.	CODE	AREA m^2	CAP.
124	S	8.55	
125	SCI	99.68	25

TOTAL CAPACITY : 245

COUNTY OF THORHILD NO. 7
NEWBROOK SCHOOL
SCHOOL BUILDINGS SERVICES
DATE : 84/11/23
PLT. ID : 00688

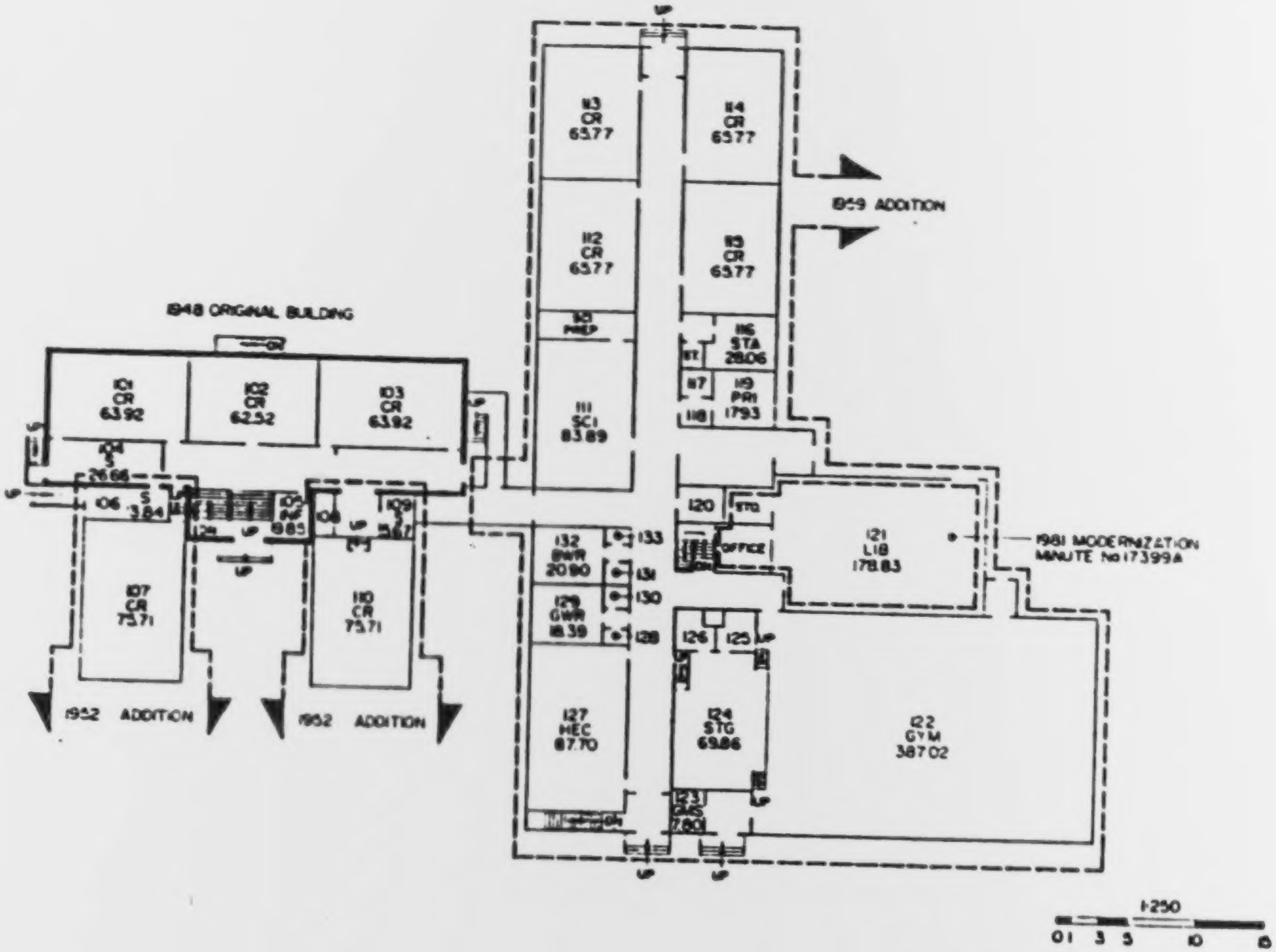

N
1948 ORIGINAL BUILDING
PLAN No 1700
1952 ADDITION
PLAN No 2191
1959 ADDITION
PLAN No 3445
1:500
0 5 10 20 30

COUNTY OF THORHILD No. 7

RADWAY SCHOOL

SCHOOL BUILDINGS SERVICES

DATE: 83/07/27	SITE PLAN	PLT ID: 00619
DWN. BY: JWW		CODE: 2622
SCALE: 1:500		SHEET: 1 OF 4


1969 ADDITION
UP
113
CR
65.77
114
CR
65.77
112
CR
65.77
115
CR
65.77
SCI
PREP
116
STA
28.06
ST.
117
119
PRI
17.93
118
111
SCI
83.89
1948 ORIGINAL BUILDING
101
CR
63.92
102
CR
62.52
103
CR
63.92
104
S
26.66
UP
106
S
3.84
124
UP
105
INF
19.85
108
UP
109
S
5.67
UP
107
CR
75.71
110
CR
75.71
1952 ADDITION
1952 ADDITION
120
STG
OFFICE
121
LIB
178.83
1981 MODERNIZATION
MINUTE No 17399A
132
BWR
20.90
133
131
130
129
GWR
18.39
128
126
125
UP
127
HEC
87.70
124
STG
69.86
122
GYM
387.02
123
GMS
7.60
UP
UP
UP
1:250
0 1 3 5 10 15

COUNTY OF THORHILD No. 7

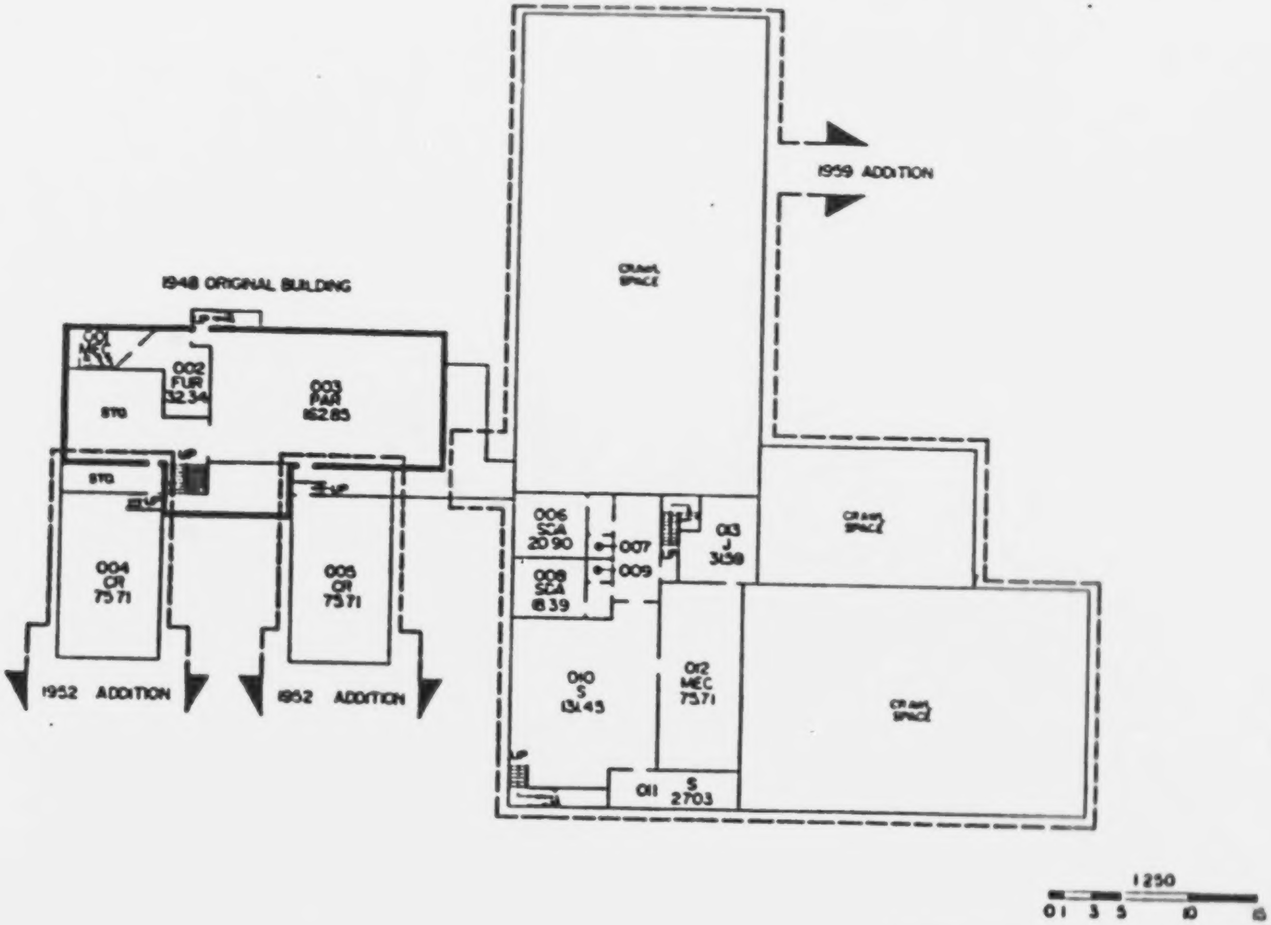
RADWAY SCHOOL

SCHOOL BUILDINGS SERVICES

DATE: 83/07/27
DWN. BY: JWW
SCALE: 1:250

FLOOR PLAN

PLT. ID: 00689
CODE: 2622
SHEET: 2 OF 4


1948 ORIGINAL BUILDING
001 MEC
002 FUR 3234
003 PAR 16285
STO
STO
UP
004 CR 7571
005 CR 7571
1952 ADDITION
1952 ADDITION
1959 ADDITION
CRAWL SPACE
CRAWL SPACE
CRAWL SPACE
006 SCA 2090
007
008 SCA 1839
009
010 S 13145
011 S 2703
012 MEC 7571
013 J 3138
1:250
0 1 3 5 10 15

COUNTY OF THORHILD No. 7

RADWAY SCHOOL

SCHOOL BUILDINGS SERVICES

DATE: 83/07/27
DWN. BY: JWW
SCALE: 1:250

FLOOR PLAN

PLT ID: 00689
CODE: 2622
SHEET: 3 OF 4

536

(2)

SCHOOL DATA

1948 FRAME CONSTRUCTION			
PLAN No. 1700			
GROSS AREA 356.55 m²			
CAPACITY · 75			
ROOM No.	CODE	AREA m²	CAP
001	MEC	15.33	
002	FUR	32.34	
003	PAR	162.65	
101	CR	63.92	25
102	CR	62.52	25
103	CR	63.92	25
104	S	26.66	
105	INF	9.85	

1952 FRAME CONSTRUCTION			
PLAN No. 2191			
GROSS AREA · 205.12 m²			
CAPACITY · 100			
ROOM No.	CODE	AREA m²	CAP
004	CR	75.71	25
005	CR	75.71	25
106	S	13.84	
107	CR	75.71	25
108	S	4.27	
109	S	5.67	
110	CR	75.71	25

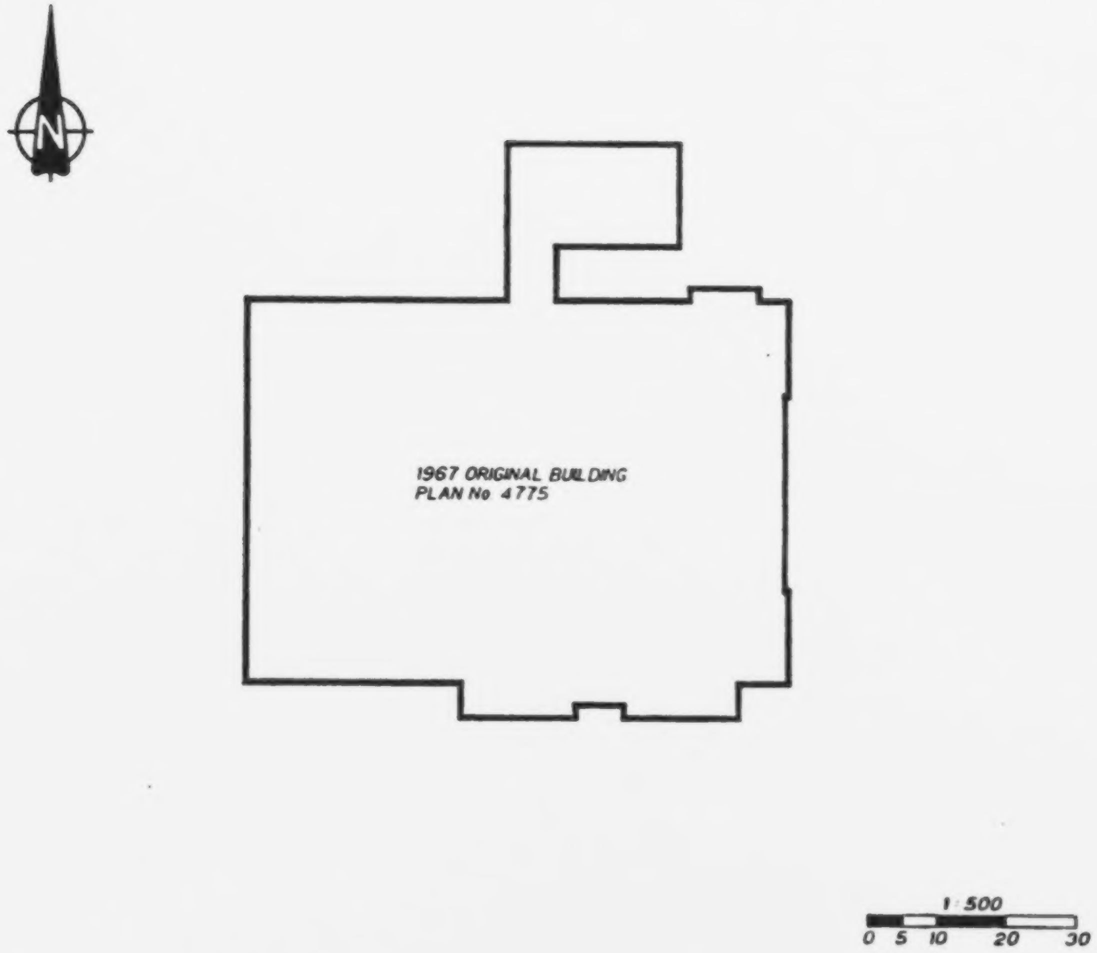
1959 FRAME CONSTRUCTION			
PLAN No. 3445			
GROSS AREA · 1586.45 m²			
CAPACITY · ~~165~~ 145			
ROOM No.	CODE	AREA m²	CAP
006	SDA	20.90	
007	M	2.55	
008	SDA	18.39	
009	W	2.55	
010	S	131.45	
011	S	27.03	
012	MEC	75.71	
013	J	31.59	
111	SCI	83.89	25
112	CR	65.77	25
113	CR	65.77	25
114	CR	65.77	25
115	CR	65.77	25
116	STA	28.06	
117	S	5.02	
118	ADM	4.56	
119	PRI	17.93	
120	S	8.53	
~~121~~	~~LIB~~	~~178.83~~	~~20~~
122	GYM	387.02	
123	GMS	7.80	
124	STG	69.86	
125	S	8.18	
126	S	7.90	
127	HEC	87.70	20
128	J	1.79	
129	GWR	18.39	
130	W	2.55	
131	M	2.55	
132	BWR	20.90	
133	J	1.79	

1981 MODERNIZATION · (1959 SECTION)			
MINUTE No. 17399 A			
GROSS AREA · 191.35 m²			
CAPACITY · 0			
ROOM No.	CODE	AREA m²	CAP
121	LIB	178.83	

TOTAL CAPACITY · 320

COUNTY OF THORHILD No. 7
RADWAY SCHOOL
SCHOOL BUILDINGS SERVICES

DATE · 83/07/27	DATA SHEET	PLT. ID · 00689
DWN. BY · JWW		CODE · 2622
SCALE ·		SHEET · 4 OF 4

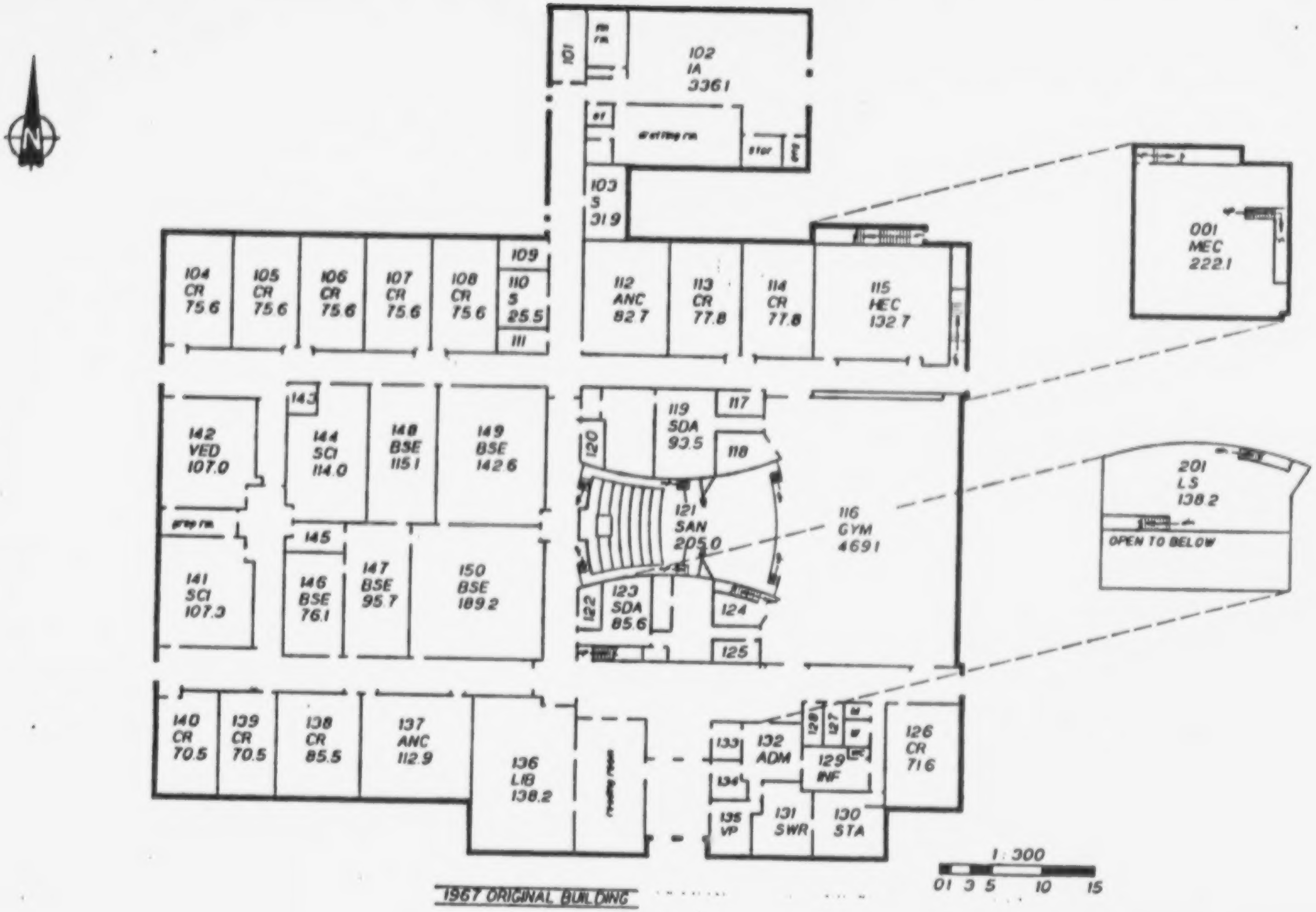

N
1967 ORIGINAL BUILDING
PLAN No 4775
1:500
0
5
10
20
30

COUNTY OF THORHILD No. 7
THORHILD ACAD./ VOC. HIGH SCHOOL
SCHOOL BUILDINGS SERVICES

DATE: 85-02-05
DWN. BY:
SCALE: 1:500

SITE PLAN

PLT. ID: 00694
CODE: 2624
SHEET: 1 of 3


N
101
102
IA
336.1
drafting rm.
stor
103
S
31.9
104
CR
75.6
105
CR
75.6
106
CR
75.6
107
CR
75.6
108
CR
75.6
109
110
S
25.5
111
112
ANC
82.7
113
CR
77.8
114
CR
77.8
115
HEC
132.7
001
MEC
222.1
142
VED
107.0
143
144
SCI
114.0
148
BSE
115.1
149
BSE
142.6
120
119
SDA
93.5
117
118
121
SAN
205.0
116
GYM
469.1
201
LS
138.2
OPEN TO BELOW
prep rm.
141
SCI
107.3
145
146
BSE
76.1
147
BSE
95.7
150
BSE
189.2
122
123
SDA
85.6
124
125
140
CR
70.5
139
CR
70.5
138
CR
85.5
137
ANC
112.9
136
LIB
138.2
reading room
133
132
ADM
134
135
VP
131
SWR
130
STA
128
127
129
INF
126
CR
71.6
1:300
01 3 5 10 15
1967 ORIGINAL BUILDING

COUNTY OF THORHILD No. 7

THORHILD ACAD./ VOC. HIGH SCHOOL

SCHOOL BUILDINGS SERVICES

DATE: 85-02-05	FLOOR PLAN	PLT. ID: 00694
DWN. BY: AO		CODE: 2624
SCALE: 1:250		SHEET: 2 of 3

1967 MASONRY CONSTRUCTION
PLAN No. 4775
GROSS AREA : 5322.0 m²
CAPACITY : 585

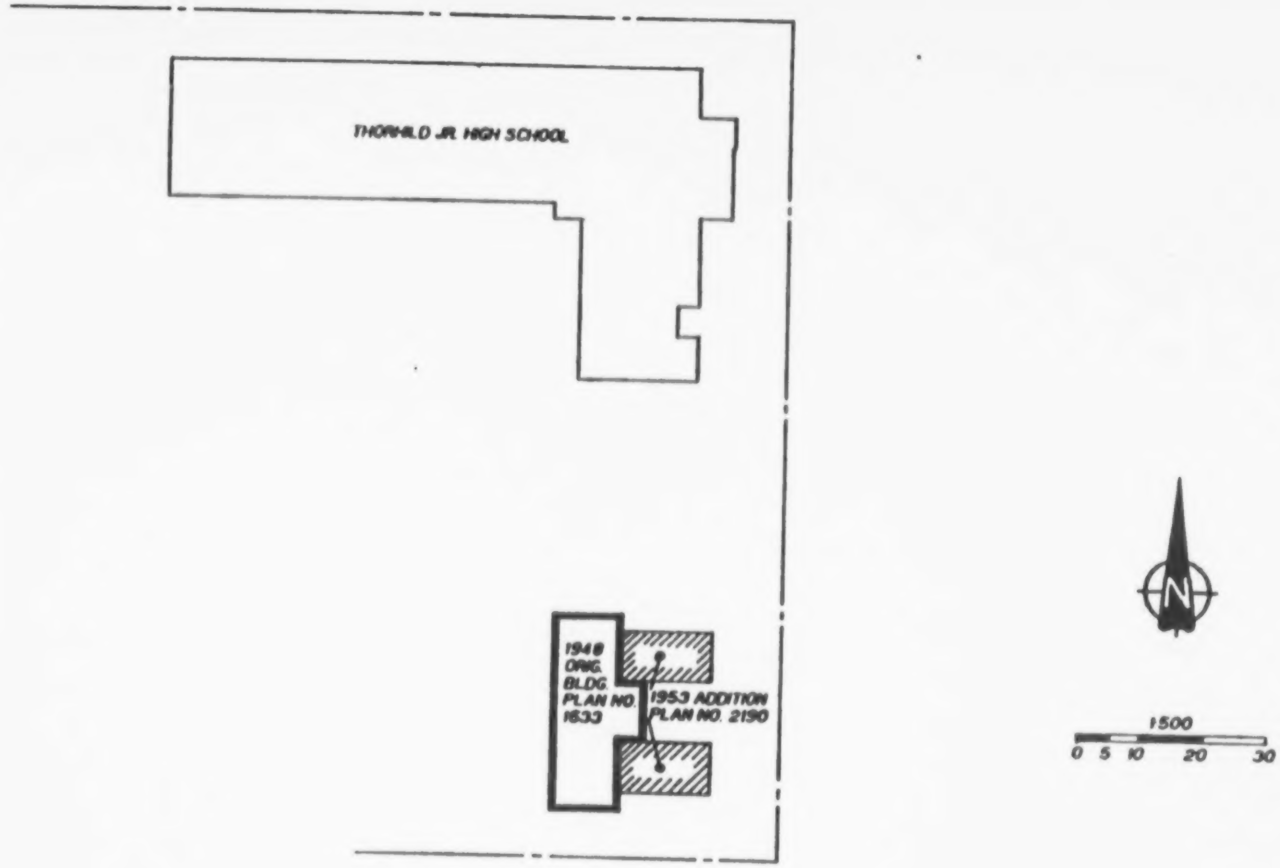
RM No	CODE	AREA m²	CAP
001	MEC	222.1	
101	S	21.6	
102	IA	336.1	20
103	S	31.9	
104	CR	75.6	25
105	CR	75.6	25
106	CR	75.6	25
107	CR	75.6	25
108	CR	75.6	25
109	MEC	11.3	
110	S	25.5	
111	J	8.5	
112	ANC	82.7	25
113	CR	77.8	25
114	CR	77.8	25
115	HEC	132.7	20
116	GYM	469.1	
117	S	11.2	
118	GMS	15.9	
119	SDA	93.5	
120	S	8.8	
121	SAN	205.0	25
122	J	8.8	
123	SDA	85.6	
124	S	14.2	
125	PEO	11.6	
126	CR	71.6	25
127	EL	8.0	
128	S	7.8	
129	INF	26.0	
130	STA	43.0	
131	SWR	34.4	
132	ADM	29.0	
133	CNS	11.1	
134	PRI	14.4	
135	VP	16.3	
136	LIB	138.2	
137	ANC	112.9	25
138	CR	85.5	25
139	CR	70.5	25
140	CR	70.5	25
141	SCI	107.3	25
142	VED	107.0	20
143	J	9.1	
144	SCI	114.0	25
145	S	12.2	
146	BSE	76.1	25
147	BSE	95.7	25
148	BSE	115.1	25
149	BSE	142.6	25
150	BSE	189.2	25
201	LS	138.2	

TOTAL CAPACITY 585

WASHROOMS	BOYS	GIRLS
BASIN	4	6
WATER CLOSET	5	6
URINAL	6	-

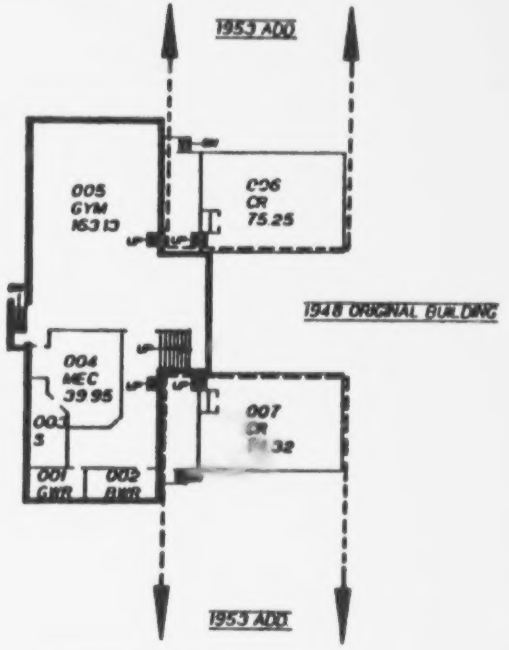
COUNTY OF THORHILD No. 7
THORHILD ACAD./VOC. HIGH SCHOOL
SCHOOL BUILDINGS SERVICES

DATE: 85-02-05	DATA SHEET	PLT. ID: 00694
DWN. BY:		CODE: 2624

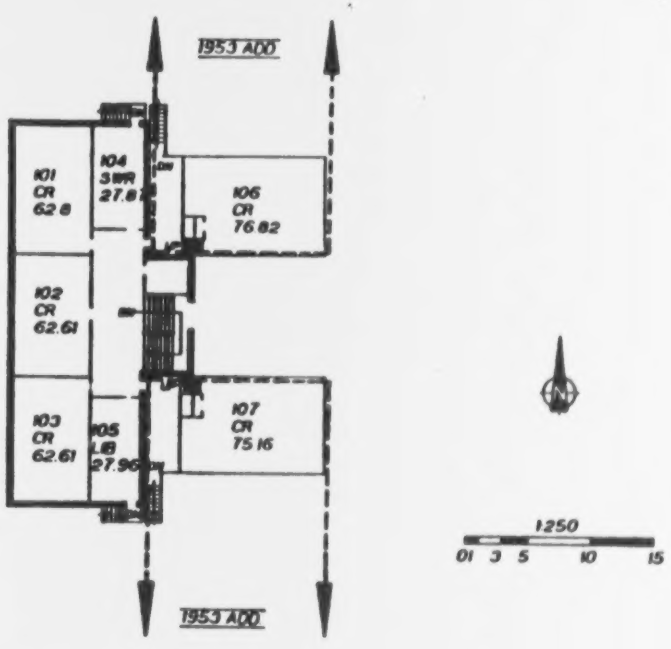

THORHILD JR. HIGH SCHOOL
1948 ORIG. BLDG. PLAN NO. 1633
1953 ADDITION PLAN NO. 2190
N
1500
0 5 10 20 30

COUNTY OF THORHILD NO. 7
THORHILD ELEM. SCHOOL
SCHOOL BUILDINGS SERVICES

DATE: 84-11-16	SITE PLAN	PLT. ID: 00696
DWN. BY: A W		CODE: 2624
SCALE: 1500		SHEET: 1 of 3


1953 ADD
005
GYM
163.13
006
CR
75.25
UP
UP
UP
UP
UP
1948 ORIGINAL BUILDING
004
MEC
39.95
003
S
007
CR
74.32
001
GWR
002
BWR
1953 ADD

BASEMENT FLOOR PLAN


1953 ADD
101
CR
62.8
104
SWR
27.87
106
CR
76.82
102
CR
62.61
103
CR
62.61
105
LIB
27.96
107
CR
75.16
1953 ADD
N
1:250
01
3
5
10
15

MAIN FLOOR PLAN

COUNTY OF THORHILD NO. 7		
THORHILD ELEM. SCHOOL		
SCHOOL BUILDINGS SERVICES		
DATE: 84-11-16	FLOOR PLANS	PLT. ID: 00696
DWN. BY: A.W.		CODE: 2624
SCALE: 1:250		SHEET: 2 of 3

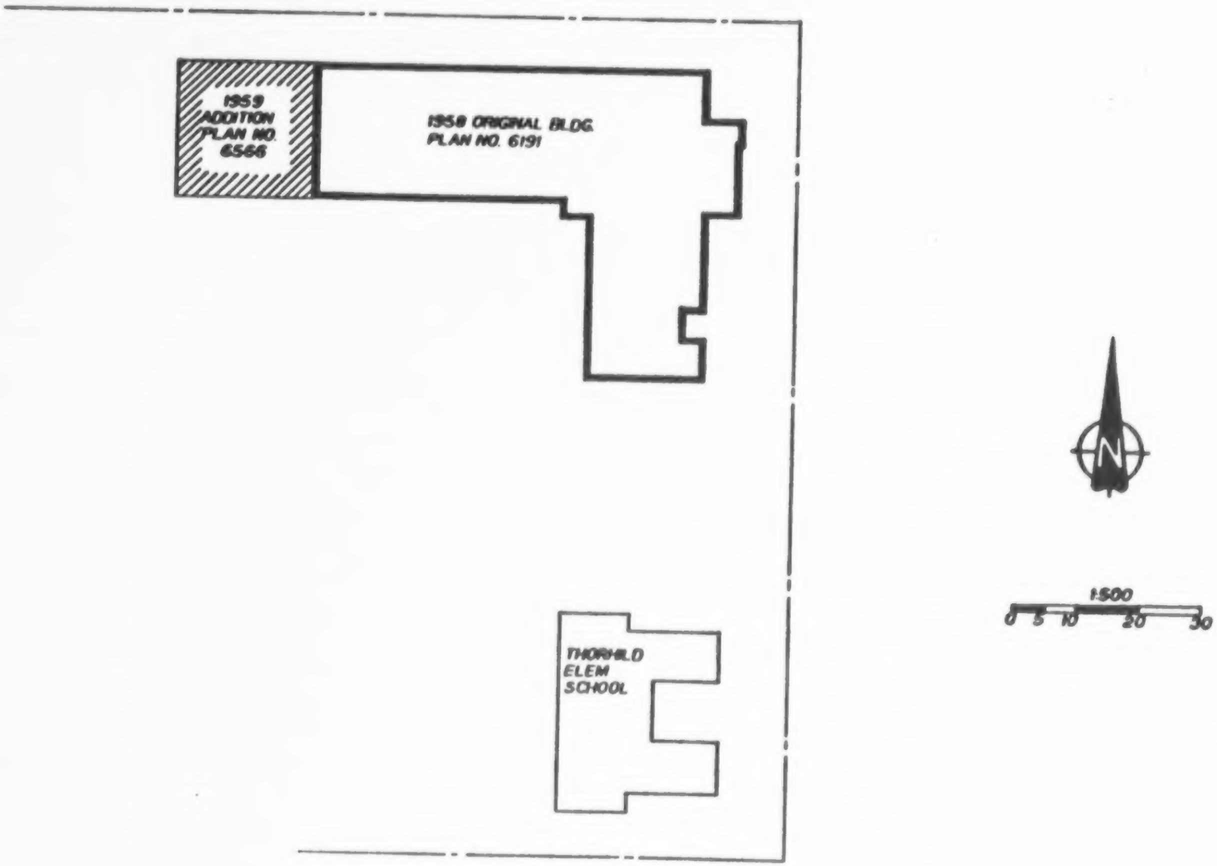
1949 FRAME CONSTRUCTION			
PLAN NO. 1533			
GROSS AREA 687.35m²			
CAPACITY 75			
RM. NO.	CODE	AREA m²	CAP
001	GWR	14.96	
002	BWR	14.49	
003	S	12.17	
004	MEC	38.95	
005	GYM	165.13	
101	CR	62.1	25
102	CR	62.07	25
103	CR	62.07	25
104	SWR	27.87	
105	LIB	27.96	

1953 FRAME CONSTRUCTION			
PLAN NO. 2760			
GROSS AREA 410.24m²			
CAPACITY 100			
RM. NO.	CODE	AREA m²	CAP
006	CR	75.26	25
007	CR	74.32	25
106	CR	76.82	25
107	CR	75.16	25

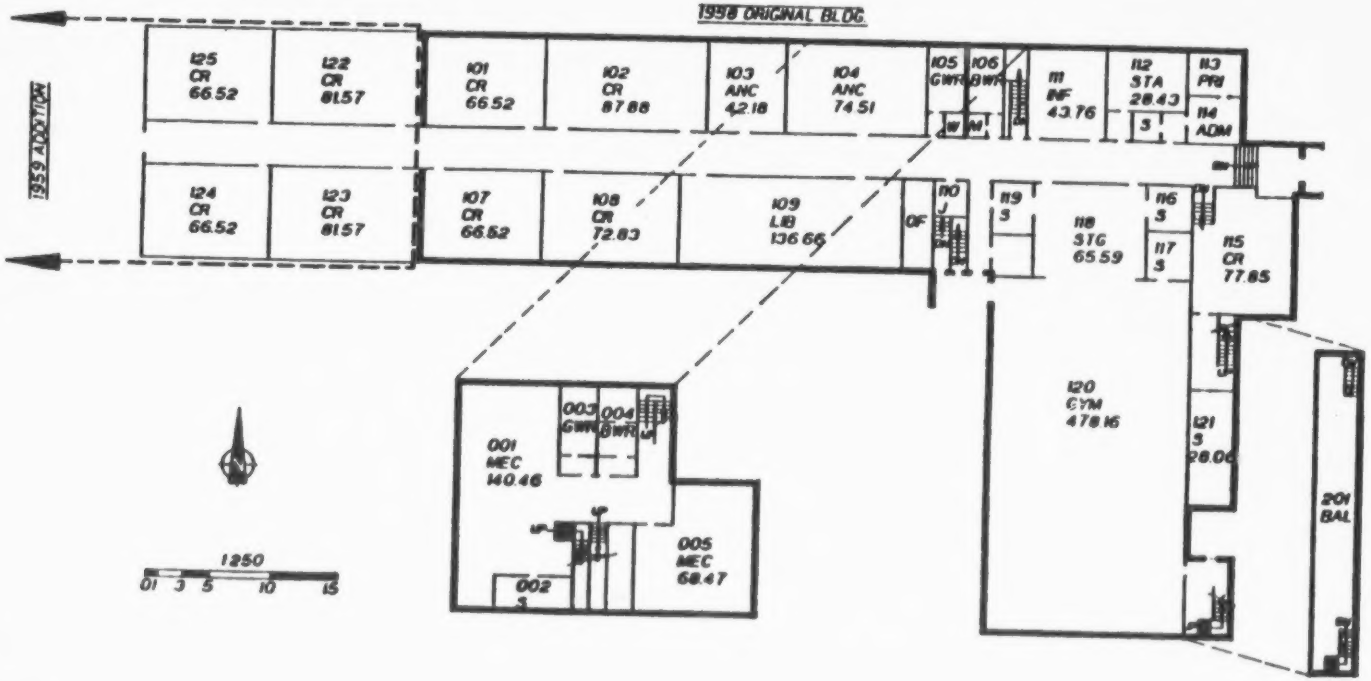
TOTAL CAPACITY	175

COUNTY OF THORHILD NO. 7
THORHILD ELEM. SCHOOL
SCHOOL BUILDINGS SERVICES

DATE: 84-11-16	DATA SHEET	PLT. ID: 00696
DWN. BY: A.W.		CODE: 2624
SCALE: N.A.		SHEET: 3 of 3


1959 ADDITION PLAN NO. 6566
1958 ORIGINAL BLDG. PLAN NO. 6191
THORHILD ELEM SCHOOL
N
1:500
0 5 10 20 30

COUNTY OF THORHILD NO. 7		
THORHILD JR. HIGH SCHOOL		
SCHOOL BUILDINGS SERVICES		
DATE · 84-11-15	SITE PLAN	PLT. ID · 00695
DWN. BY · A.W.		CODE · 2625
SCALE · 1:500		SHEET · 1 of 3


1958 ORIGINAL BLDG.
1959 ADDITION
125 CR 66.52
122 CR 81.57
101 CR 66.52
102 CR 87.88
103 ANC 42.18
104 ANC 74.51
105 GWR
106 BWR
W
W
111 INF 43.76
112 STA 28.43
S
113 PRI
114 ADM
124 CR 66.52
123 CR 81.57
107 CR 66.52
108 CR 72.83
109 LIB 136.66
OF
110 J
119 S
118 STG 65.59
116 S
117 S
115 CR 77.85
120 GYM 478.16
121 S 28.06
201 BAL
001 MEC 140.46
003 GWR
004 BWR
UP
UP
002 S
005 MEC 68.47
1250
01 3 5 10 15

COUNTY OF THORHILD NO. 7		
THORHILD JR. HIGH SCHOOL		
SCHOOL BUILDINGS SERVICES		
DATE: 84-11-15	FLOOR PLAN	PLT. ID: 00695
DWN. BY: A W		CODE: 2625
SCALE: 1250		SHEET: 2 of 3

1958 MASONRY CONSTRUCTION
PLAN NO. 3191
GROSS AREA 1859.67m²
CAPACITY 150

RM. NO.	CODE	AREA m²	CAP
001	MEC	140.46	
002	S	20.9	
003	GWR	20.9	
004	BWR	20.9	
005	MEC	68.47	
101	CR	66.52	25
102	CR	87.88	25
103	AMC	42.18	
104	AMC	74.51	25
105	GWR	16.91	
106	BWR	16.91	
107	CR	66.52	25
108	CR	72.83	25
109	LIB	136.65	
110	J	6.69	
111	SAF	43.76	
112	STA	28.43	
113	PRI	15.05	
114	ADM	13.28	
115	CR	77.85	25
116	S	7.34	
117	S	10.22	
118	STG	65.59	
119	S	10.31	
120	GYM	478.16	
121	S	28.06	
201	MAL	89.65	

1959 MASONRY CONSTRUCTION
PLAN NO. 3566
GROSS AREA 380.43m²
CAPACITY 100

RM. NO.	CODE	AREA m²	CAP
122	CR	81.57	25
123	CR	81.57	25
124	CR	66.52	25
125	CR	66.52	25

TOTAL CAPACITY 250

COUNTY OF THORHILD NO. 7
THORHILD JR. HIGH SCHOOL
SCHOOL BUILDINGS SERVICES

DATE: 84-11-15	DATA SHEET	PLT. ID: 00695
DWN. BY: A W		CODE: 2625
SCALE: N A		SHEET: 3 of 3

APPENDIX N

G.R.A.T.I.S. Survey Components

BEST COPY AVAILABLE

Appendix N Table 1

Activities by G.R.A.T.I.S. Type

GENERATE DATA

G 1 : School Inspections
G 2 : Facility Evaluations

SUB-TOTAL

RETRIEVE DATA/INFORM'N

R 1 : Search Data Files, FldPacks, Pers
R 2 : Pull Files
R 3 : Search for Addresses
R 4 : Order EDIS Reports
R 5 : Search for Report
R 6 : Retrieve Plans Form Records Centr
R 7 : Search for Info in Pubs, Oth Pers

SUB-TOTAL

ACQUIRE DATA/INFORM'N

A 1 : Research Studies
A 2 : Obtain Info from Sch. Bds.
A 3 : Receive Info from outside Branch

SUB-TOTAL

TRANSFORM DATA

T 1 : Process BQRP Claim Forms
T 2 : Calculations
T 3 : Cost Review (Mod)
T 4 : Review Mod. Proposals and Report
T 5 : Use Plans and Specs
T 6 : BQRP Write-ups (Initial & Final)
T 7 : Financial Analysis
T 8 : Calculate Gross Areas/Cap Changes
T 9 : Examine Final Plans
T10 : Draw Plans
T11 : Compile Data for Special Requests
T12 : Calculate & Record Data in Books
T13 : Prepare SBBD Min. & Prep for Mtg
T14 : Enter Data in Computer
T15 : Change Orders (Type)

BEST COPY AVAILABLE

T16 : Type Form "A"
T17 : Branch Budget
T18 : Branch Accounting
T19 : Fill out Inspector Report Forms
T20 : Word Process SBBD. Min.
T21 : Prepare Statement of Elig'le Cost
T22 : Review Tenders
T23 : Sketches and Charts
T24 : Enrolment Projections
T25 : Compl."A" Form.Fac Anal.Data Sht
T26 : EDIS Updates

SUB-TOTAL

INFORM (DISSEMINATE)

I 1 : Provide Info to Branch Staff
I 2 : provide Info to Sch. Bds.
I 3 : Action Requests
I 4 : Review & Amend Info for ADM/DM/M
I 5 : Meetings
I 6 : Receive. Give and Discuss Assign.
I 7 : Draft Memos
I 8 : Draft Letters. Dictation
I 9 : Proofread
I10 : Edit
I11 : Read Notes. Reports
I12 : W.P.:Lets/Memo/Reps/Type SBBD Min
I13 : Print- Items Above
I14 : Arrange School Openings
I15 : Type Letters Memos. BQRF Finals
I16 : Type Person'l Forms. Expense Acct
I17 : Write Reports

SUB-TOTAL

STORE DATA/INFORM'N

S 1 : File Corr/New/Update/Store
S 2 : Re-file Files
S 3 : Cross-check Revamp Mod Files
S 4 : CEFP

SUB-TOTAL

MISCELLANEOUS ACTIVITIES

M 1 : Phone calls
M 2 : Travel
M 3 : Supervision/Personnel/Fill Form
M 4 : Mail & Distributed Info to Staff

BEST COPY AVAILABLE

M 5 : Photocopying
M 6 : In-basket.Work Plan, Cleaning
M 7 : SBB Minute Let'rs/Sort/Stapl/Mail
M 8 : Prepare Travel/Exp Claims Forms
M 9 : Get Costs/Order Supp/Furniture
M10 : Attend Courses, Conferences
M11 : Vacation
M12 : Illness
M13 : Failed to Participate

SUB-TOTAL

APPENDIX L

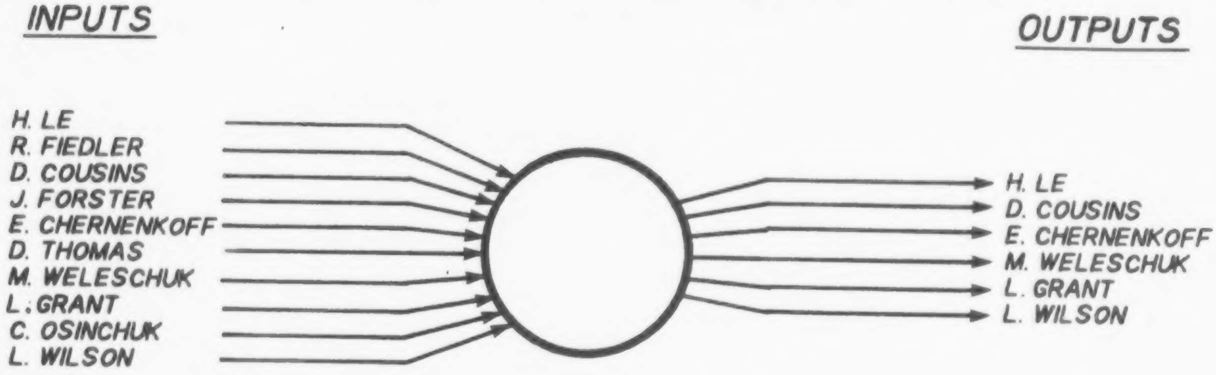
Temporal Distribution of G.R.A.T.I.S.

Linkages by Position: Intra-Branch/ Branch - Department/ Branch - External to Department

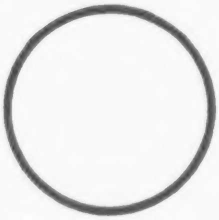
BEST COPY AVAILABLE

DR. JOHN KULBA - DIRECTOR

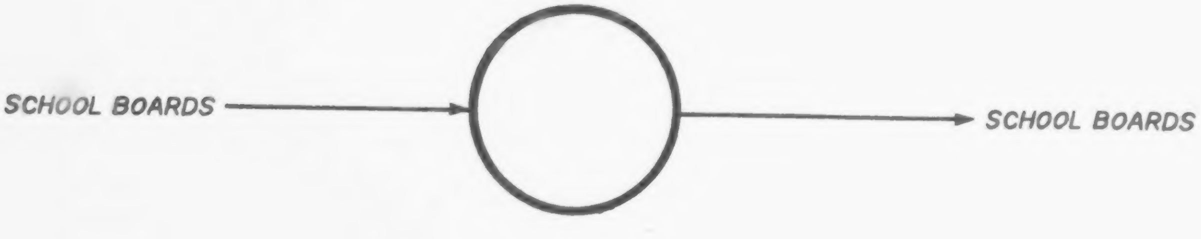
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
H. LE
R. FIEDLER
D. COUSINS
J. FORSTER
E. CHERNENKOFF
D. THOMAS
M. WELESCHUK
L. GRANT
C. OSINCHUK
L. WILSON
H. LE
D. COUSINS
E. CHERNENKOFF
M. WELESCHUK
L. GRANT
L. WILSON

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

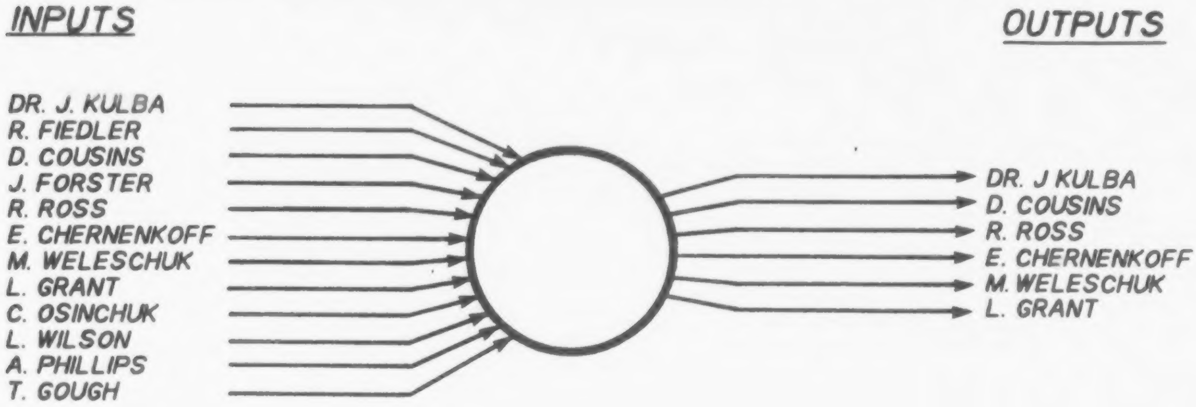


BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

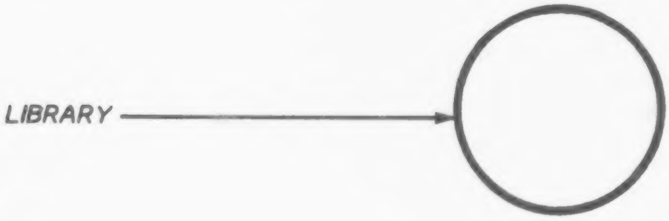

SCHOOL BOARDS
SCHOOL BOARDS

HOANG LE - ASSOCIATE DIRECTOR

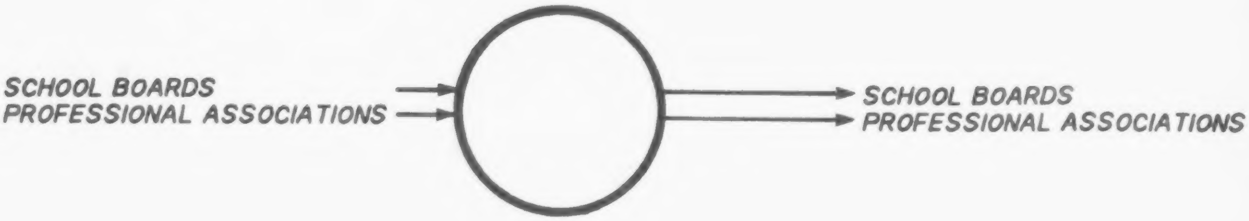
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
DR. J. KULBA
R. FIEDLER
D. COUSINS
J. FORSTER
R. ROSS
E. CHERNENKOFF
M. WELESCHUK
L. GRANT
C. OSINCHUK
L. WILSON
A. PHILLIPS
T. GOUGH
OUTPUTS
DR. J KULBA
D. COUSINS
R. ROSS
E. CHERNENKOFF
M. WELESCHUK
L. GRANT

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION



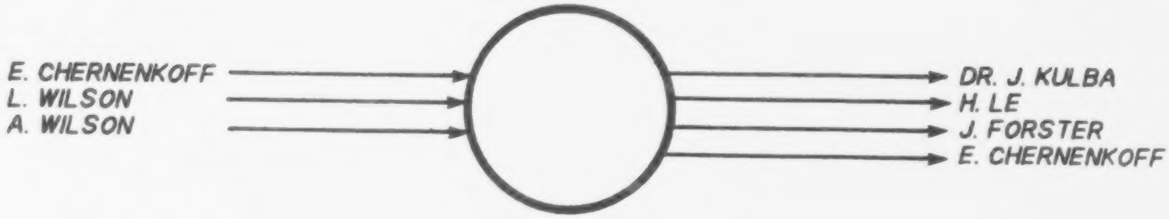
BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION


SCHOOL BOARDS
PROFESSIONAL ASSOCIATIONS
SCHOOL BOARDS
PROFESSIONAL ASSOCIATIONS

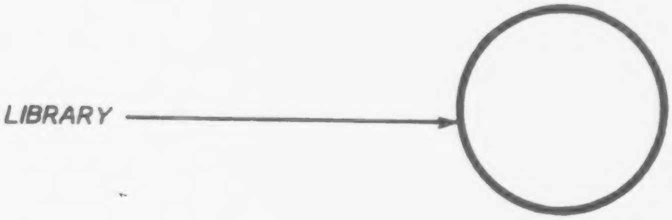
ROB FIEDLER - PLANNING OFFICER

INTRA-BRANCH FLOWS OF DATA /INFORMATION

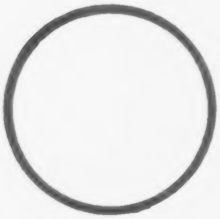
INPUTS OUTPUTS


E. CHERNENKOFF
L. WILSON
A. WILSON
DR. J. KULBA
H. LE
J. FORSTER
E. CHERNENKOFF

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION



BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

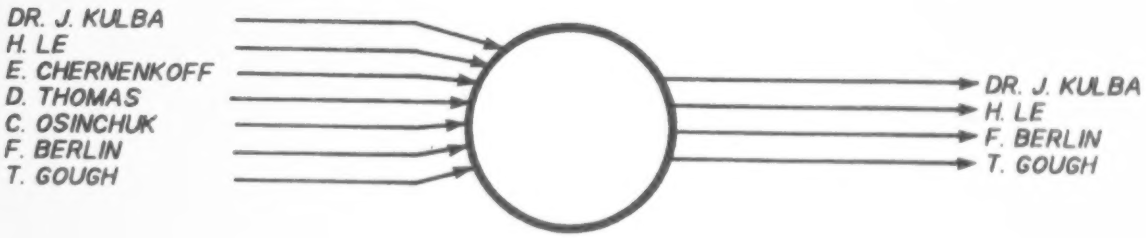


DAVE COUSINS - ENERGY PROJECT DIRECTOR

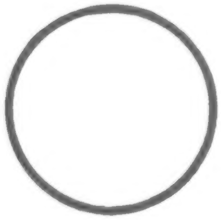
INTRA-BRANCH FLOWS OF DATA /INFORMATION

INPUTS

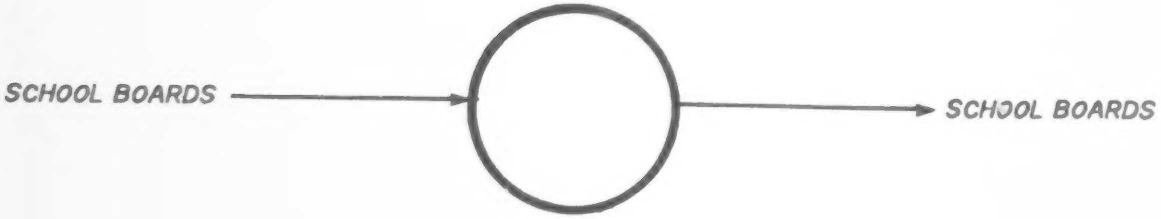
OUTPUTS


DR. J. KULBA
H. LE
E. CHERNENKOFF
D. THOMAS
C. OSINCHUK
F. BERLIN
T. GOUGH
DR. J. KULBA
H. LE
F. BERLIN
T. GOUGH

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION



BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

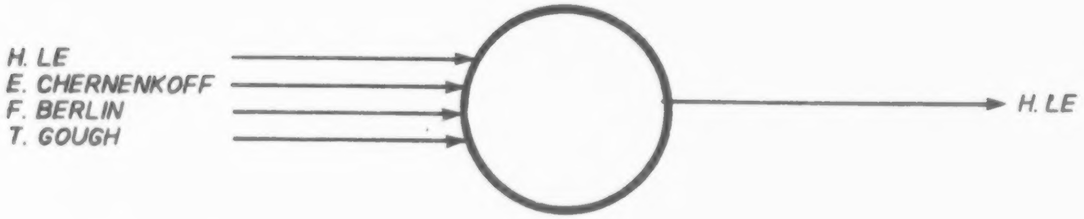

SCHOOL BOARDS
SCHOOL BOARDS

RON ROSS - ENERGY ENGINEER

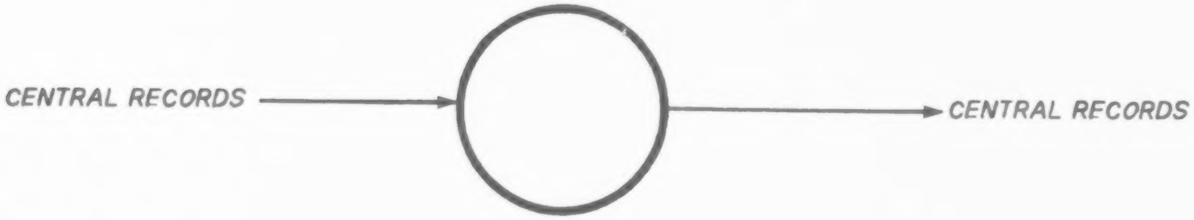
INTRA-BRANCH FLOWS OF DATA /INFORMATION

INPUTS

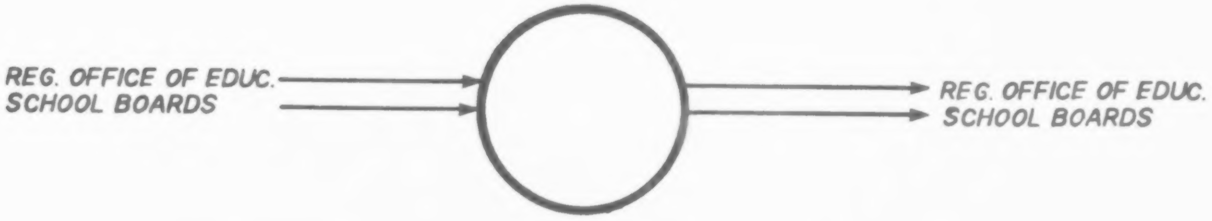
OUTPUTS


H. LE
E. CHERNENKOFF
F. BERLIN
T. GOUGH
H. LE

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

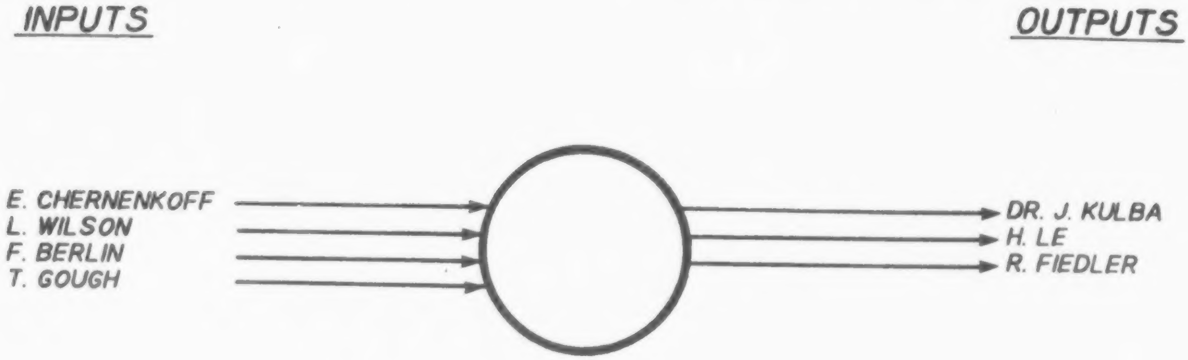

CENTRAL RECORDS
CENTRAL RECORDS

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

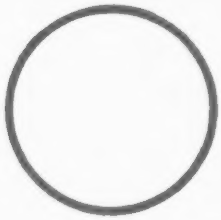

REG. OFFICE OF EDUC.
SCHOOL BOARDS
REG. OFFICE OF EDUC.
SCHOOL BOARDS

J. FORSTER - TECHNICAL SERVICE ENGINEER

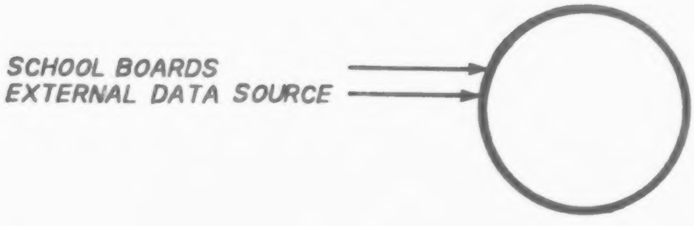
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
E. CHERNENKOFF
L. WILSON
F. BERLIN
T. GOUGH
DR. J. KULBA
H. LE
R. FIEDLER

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

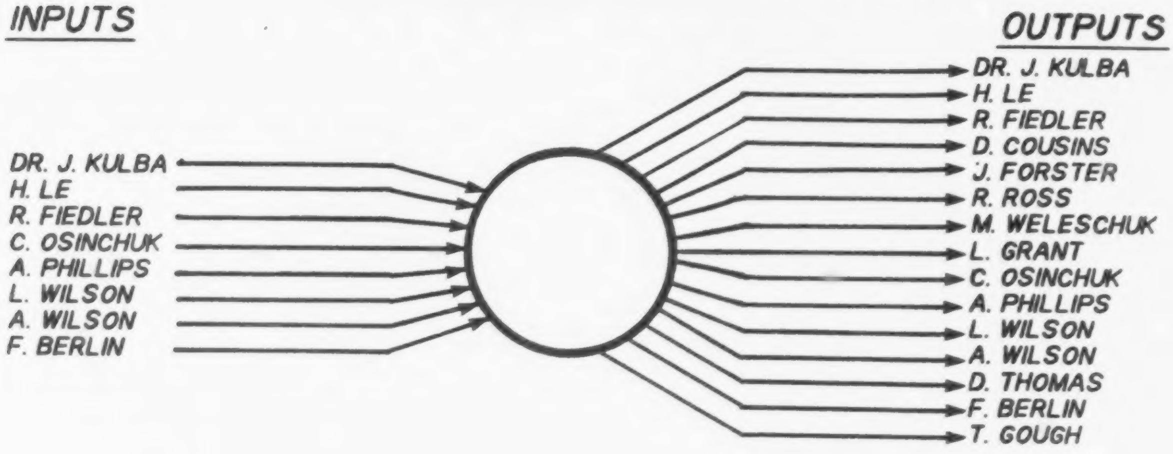


BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

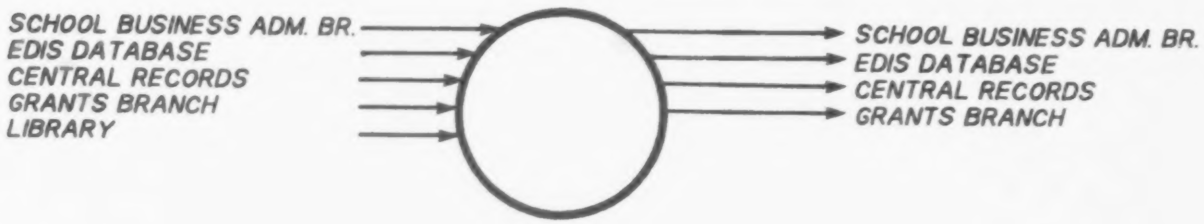

SCHOOL BOARDS
EXTERNAL DATA SOURCE

ELEANOR CHERNENKOFF - RESEARCH ASSISTANT

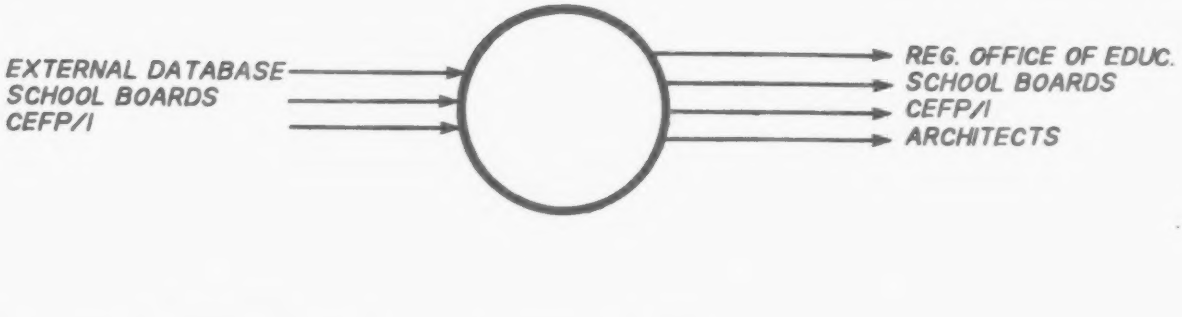
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
DR. J. KULBA
H. LE
R. FIEDLER
C. OSINCHUK
A. PHILLIPS
L. WILSON
A. WILSON
F. BERLIN
DR. J. KULBA
H. LE
R. FIEDLER
D. COUSINS
J. FORSTER
R. ROSS
M. WELESCHUK
L. GRANT
C. OSINCHUK
A. PHILLIPS
L. WILSON
A. WILSON
D. THOMAS
F. BERLIN
T. GOUGH

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

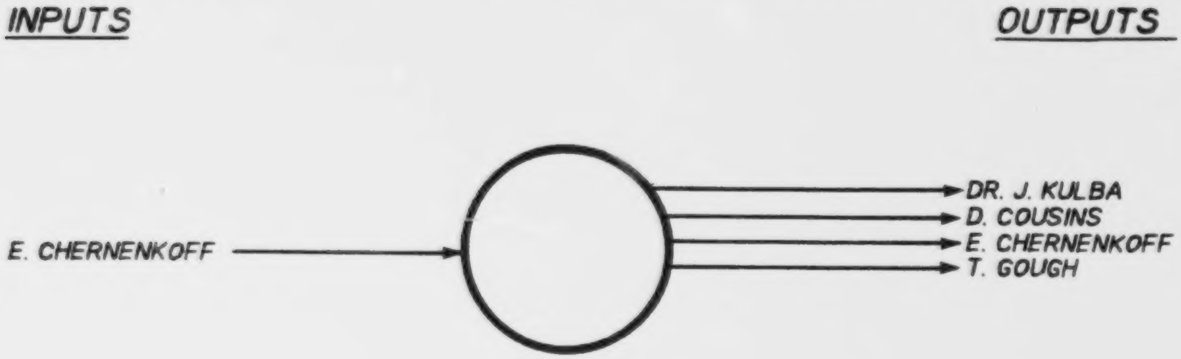

SCHOOL BUSINESS ADM. BR.
EDIS DATABASE
CENTRAL RECORDS
GRANTS BRANCH
LIBRARY
SCHOOL BUSINESS ADM. BR.
EDIS DATABASE
CENTRAL RECORDS
GRANTS BRANCH

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

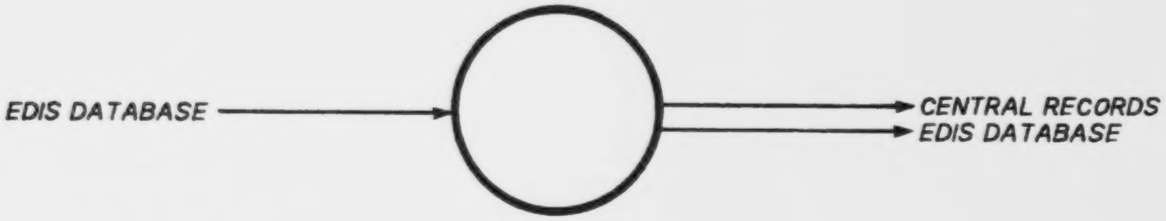

EXTERNAL DATABASE
SCHOOL BOARDS
CEFP/I
REG. OFFICE OF EDUC.
SCHOOL BOARDS
CEFP/I
ARCHITECTS

DOROTHY THOMAS - RESEARCH CLERK

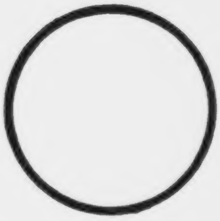
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
E. CHERNENKOFF
DR. J. KULBA
D. COUSINS
E. CHERNENKOFF
T. GOUGH

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

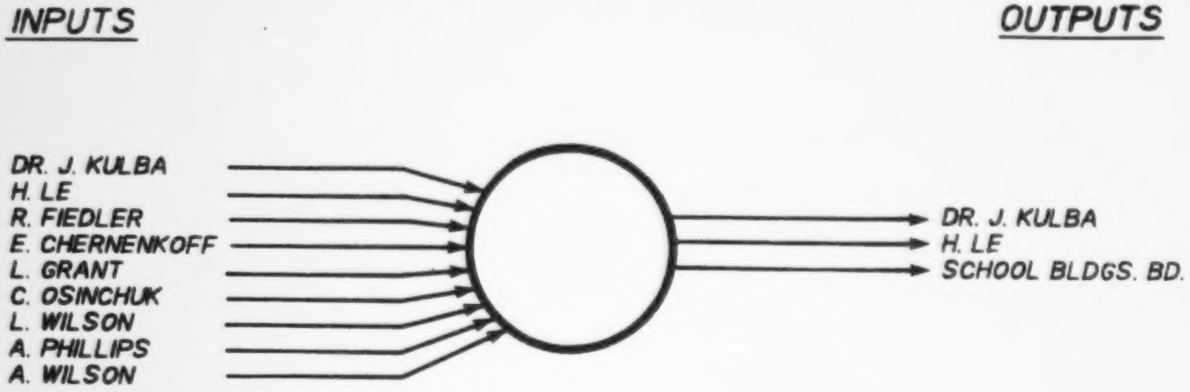

EDIS DATABASE
CENTRAL RECORDS
EDIS DATABASE

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

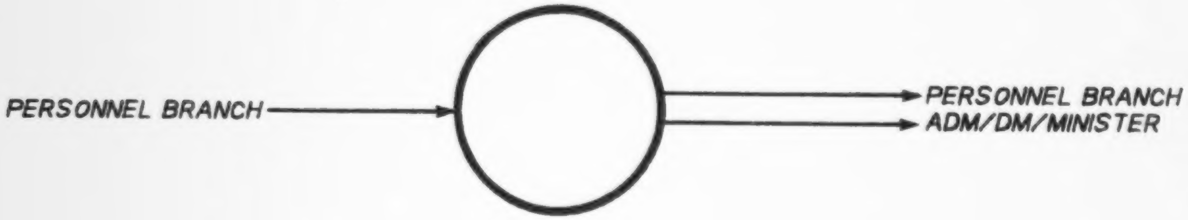


M. WELESCHUK - ASSOCIATE DIRECTOR

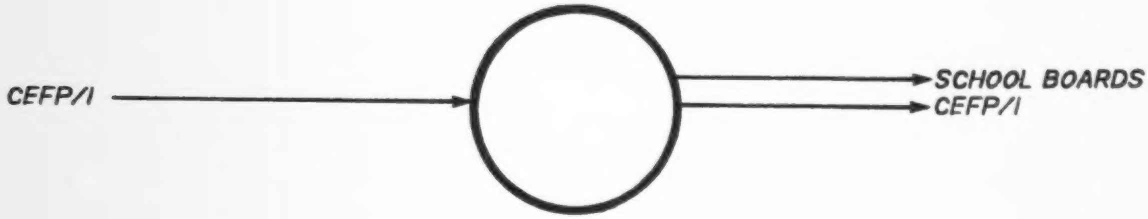
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
DR. J. KULBA
H. LE
R. FIEDLER
E. CHERNENKOFF
L. GRANT
C. OSINCHUK
L. WILSON
A. PHILLIPS
A. WILSON
DR. J. KULBA
H. LE
SCHOOL BLDGS. BD.

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION


PERSONNEL BRANCH
PERSONNEL BRANCH
ADM/DM/MINISTER

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

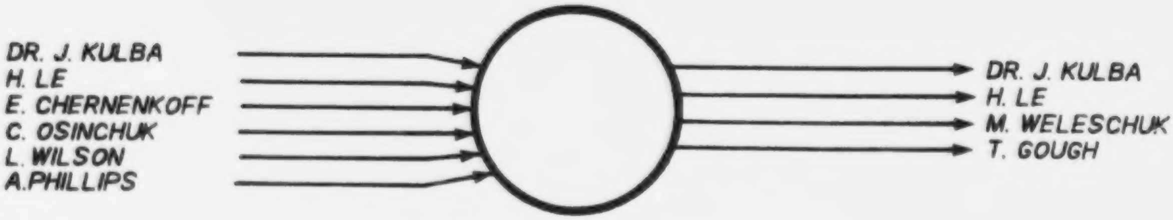

CEFP/I
SCHOOL BOARDS
CEFP/I

L. GRANT - SCH. BLDGS. BD. CO-ORDINATOR

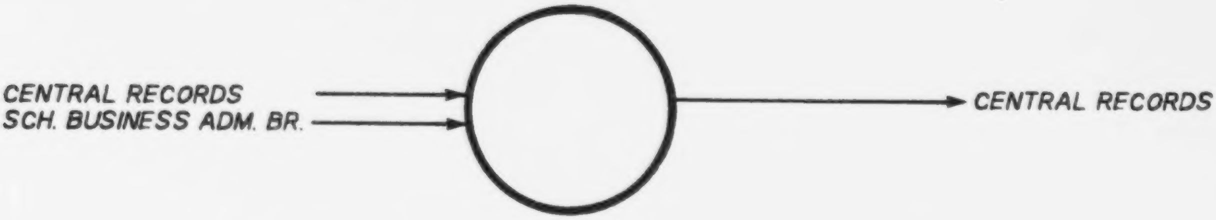
INTRA-BRANCH FLOWS OF DATA /INFORMATION

INPUTS

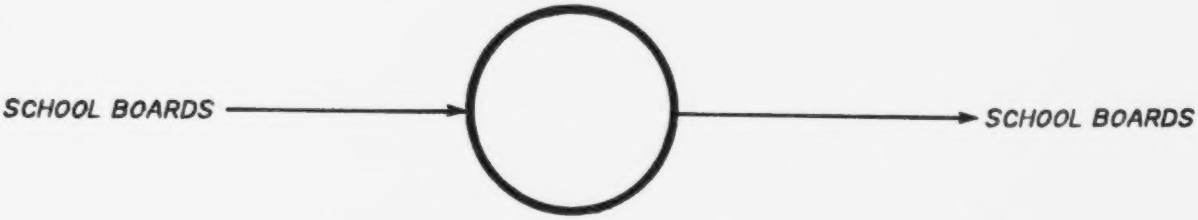
OUTPUTS


DR. J. KULBA
H. LE
E. CHERNENKOFF
C. OSINCHUK
L. WILSON
A. PHILLIPS
DR. J. KULBA
H. LE
M. WELESCHUK
T. GOUGH

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

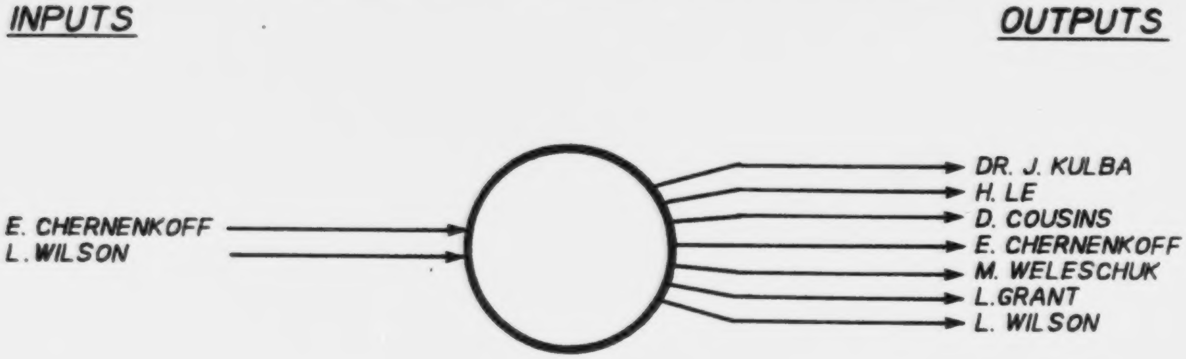

CENTRAL RECORDS
SCH. BUSINESS ADM. BR.
CENTRAL RECORDS

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

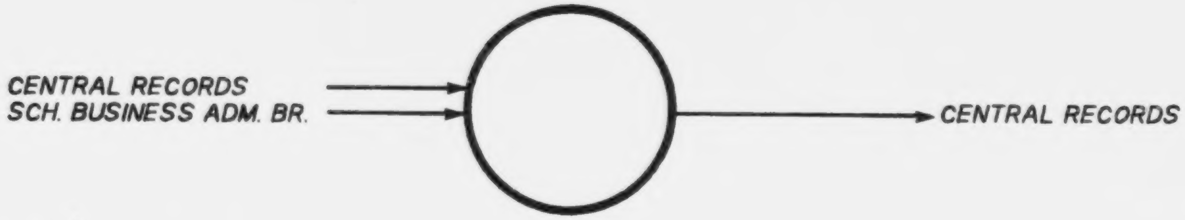

SCHOOL BOARDS
SCHOOL BOARDS

CLARENCE OSINCHUK - ADMIN. OFFICER

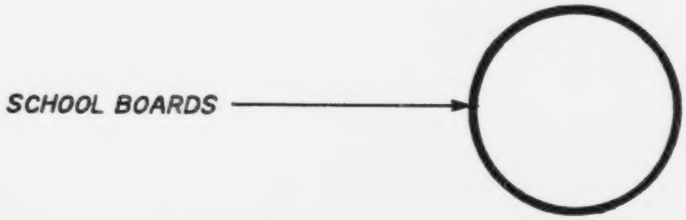
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
E. CHERNENKOFF
L. WILSON
DR. J. KULBA
H. LE
D. COUSINS
E. CHERNENKOFF
M. WELESCHUK
L.GRANT
L. WILSON

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

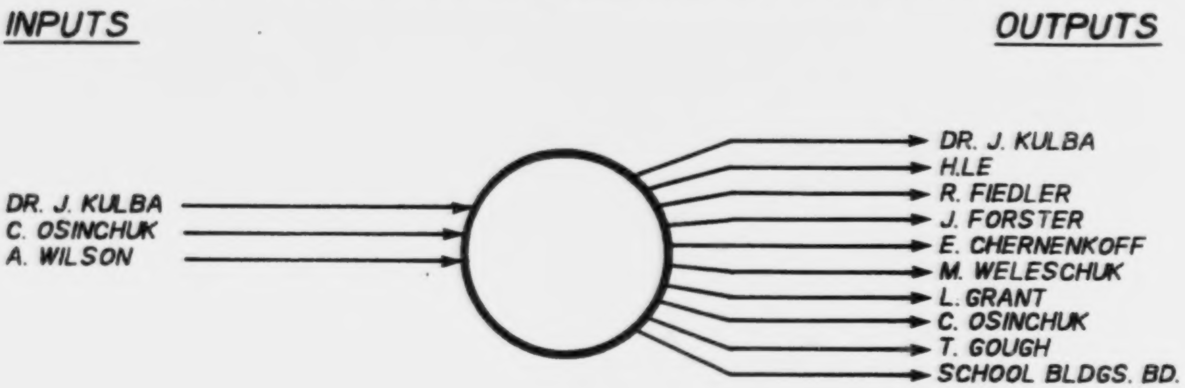

CENTRAL RECORDS
SCH. BUSINESS ADM. BR.
CENTRAL RECORDS

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

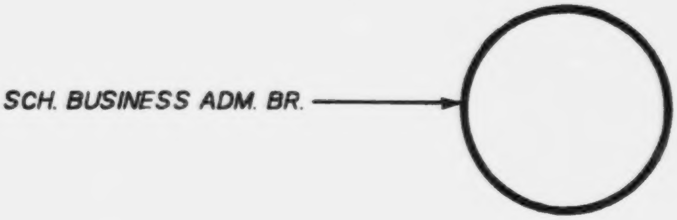

SCHOOL BOARDS

LARRY WILSON - PLANS EXAMINER

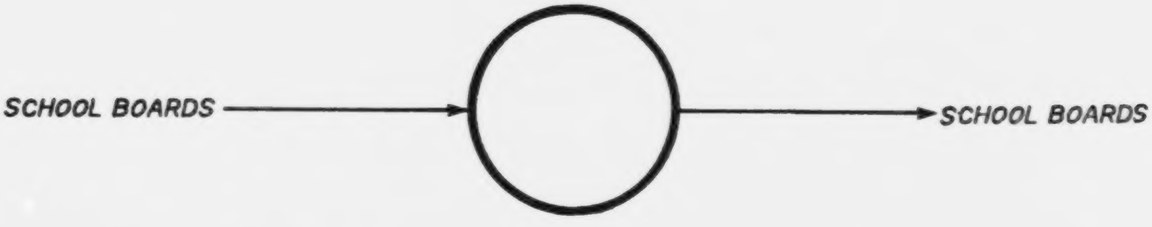
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
DR. J. KULBA
C. OSINCHUK
A. WILSON
DR. J. KULBA
H.LE
R. FIEDLER
J. FORSTER
E. CHERNENKOFF
M. WELESCHUK
L. GRANT
C. OSINCHUK
T. GOUGH
SCHOOL BLDGS. BD.

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION


SCH. BUSINESS ADM. BR.

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

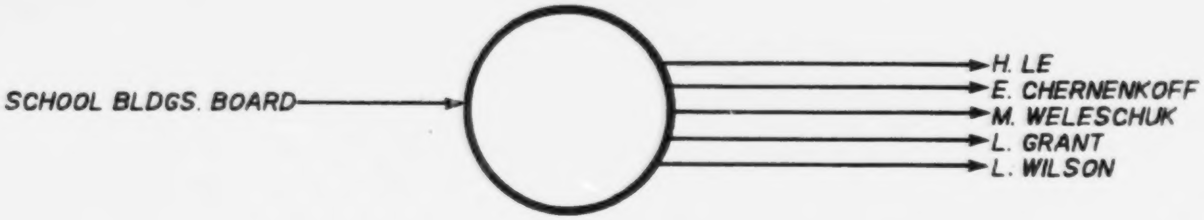

SCHOOL BOARDS
SCHOOL BOARDS

ALLAN PHILLIPS - PLANS EXAMINER

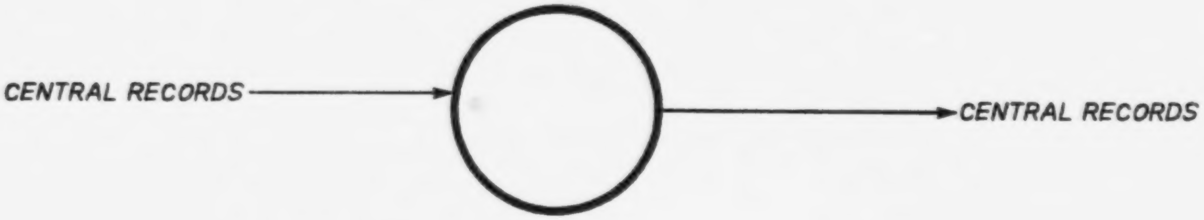
INTRA-BRANCH FLOWS OF DATA /INFORMATION

INPUTS

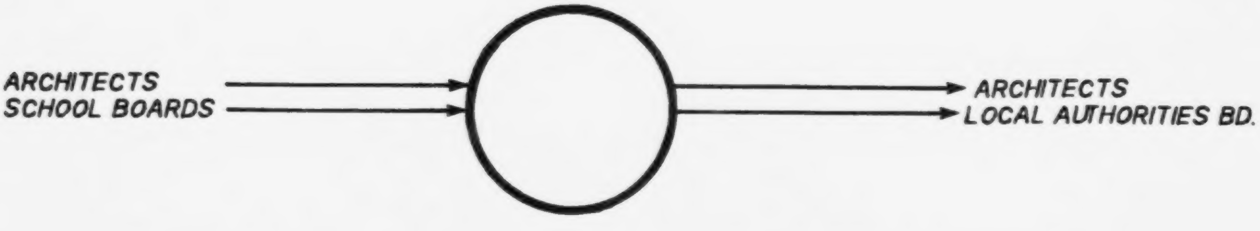
OUTPUTS


SCHOOL BLDGS. BOARD
H. LE
E. CHERNENKOFF
M. WELESCHUK
L. GRANT
L. WILSON

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION


CENTRAL RECORDS
CENTRAL RECORDS

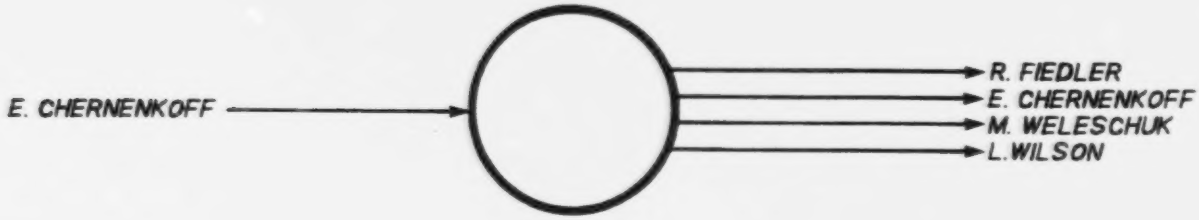
BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION


ARCHITECTS
SCHOOL BOARDS
ARCHITECTS
LOCAL AUTHORITIES BD.

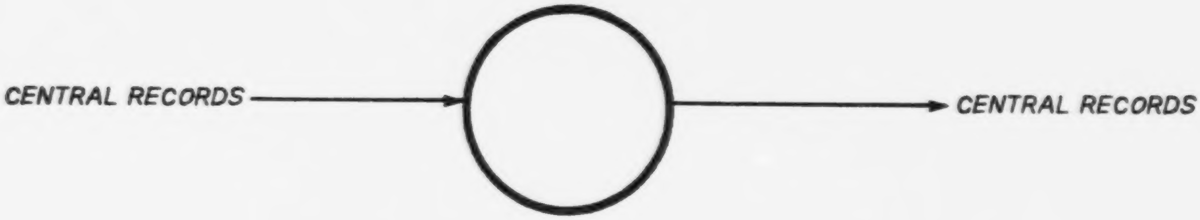
ALLAN WILSON - PROJECT DRAFTSMAN

INTRA-BRANCH FLOWS OF DATA /INFORMATION

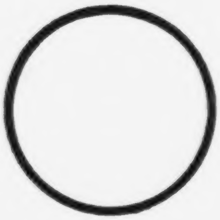
INPUTS OUTPUTS


E. CHERNENKOFF
R. FIEDLER
E. CHERNENKOFF
M. WELESCHUK
L. WILSON

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION


CENTRAL RECORDS
CENTRAL RECORDS

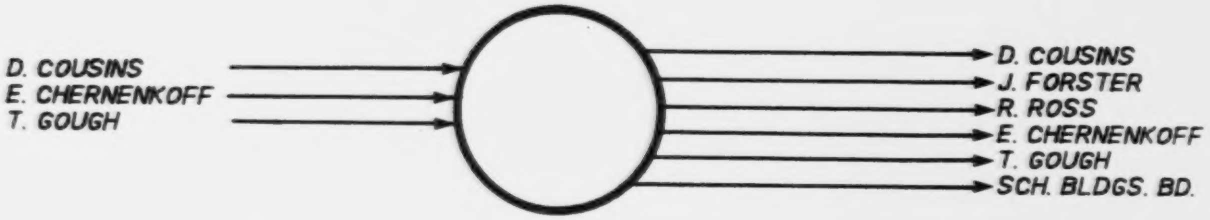
BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION



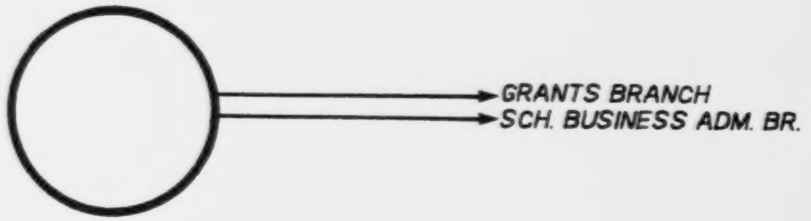
FIORE BERLIN - B.Q.R.P. CO-ORDINATOR

INTRA-BRANCH FLOWS OF DATA /INFORMATION

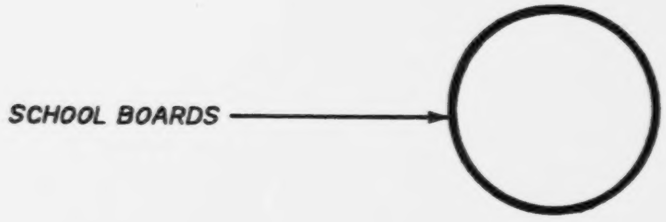
INPUTS OUTPUTS


D. COUSINS
E. CHERNENKOFF
T. GOUGH
D. COUSINS
J. FORSTER
R. ROSS
E. CHERNENKOFF
T. GOUGH
SCH. BLDGS. BD.

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

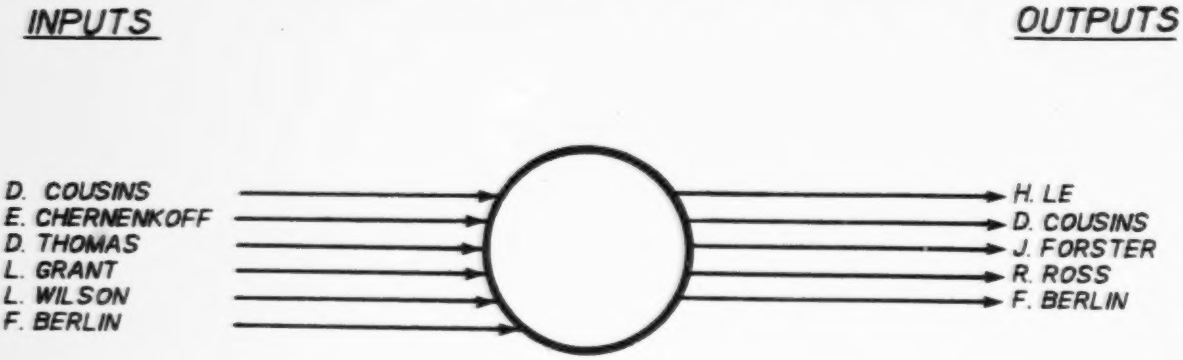

GRANTS BRANCH
SCH. BUSINESS ADM. BR.

BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

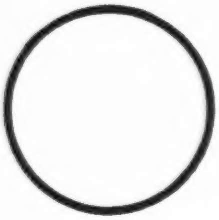

SCHOOL BOARDS

TREVOR GOUGH - INSPECTOR

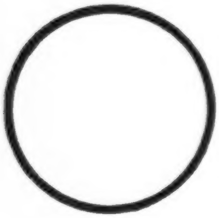
INTRA-BRANCH FLOWS OF DATA /INFORMATION


INPUTS
OUTPUTS
D. COUSINS
E. CHERNENKOFF
D. THOMAS
L. GRANT
L. WILSON
F. BERLIN
H. LE
D. COUSINS
J. FORSTER
R. ROSS
F. BERLIN

BRANCH/INTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION



BRANCH/EXTERNAL TO DEPARTMENT FLOWS OF DATA/INFORMATION

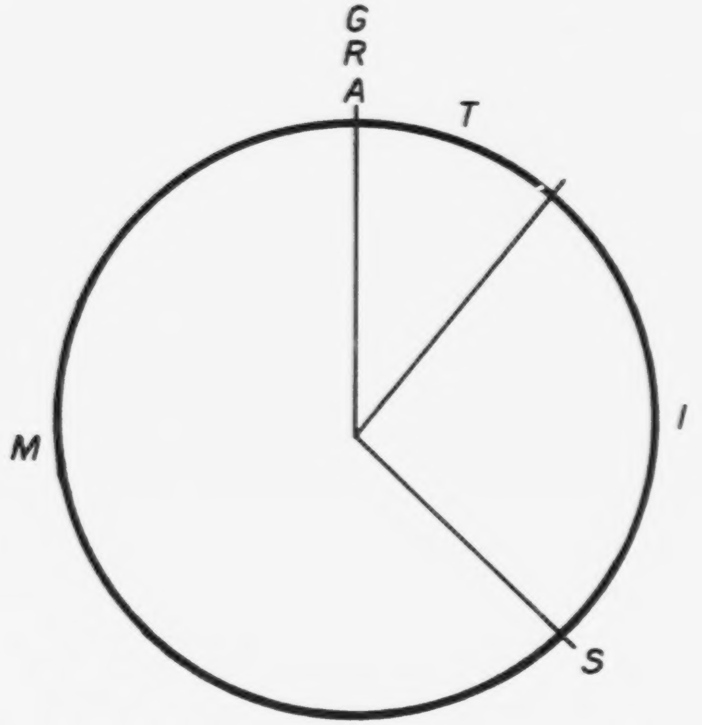


APPENDIX F

Time Spent on G.R.A.T.I.S. by Individuals and Groups

BEST COPY AVAILABLE

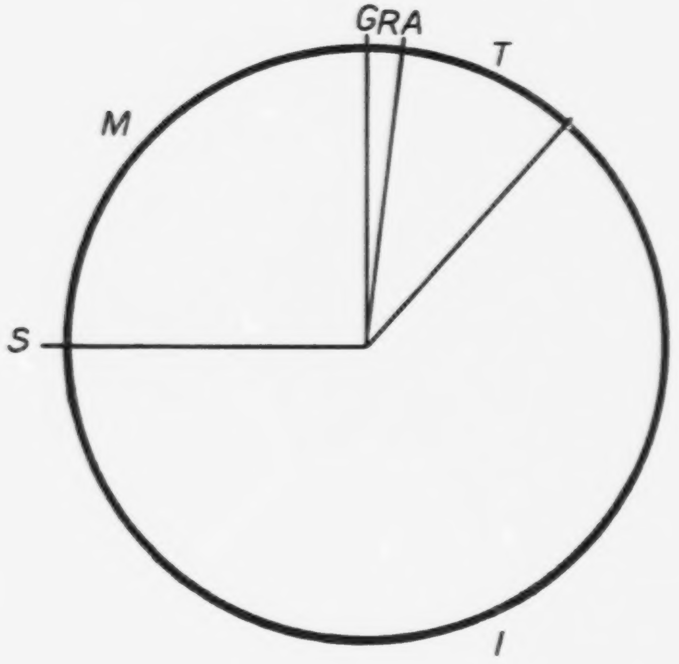
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	0%	0%	11%	27%	0%	62%

F.BERLIN
B.Q.R.P. COORDINATOR

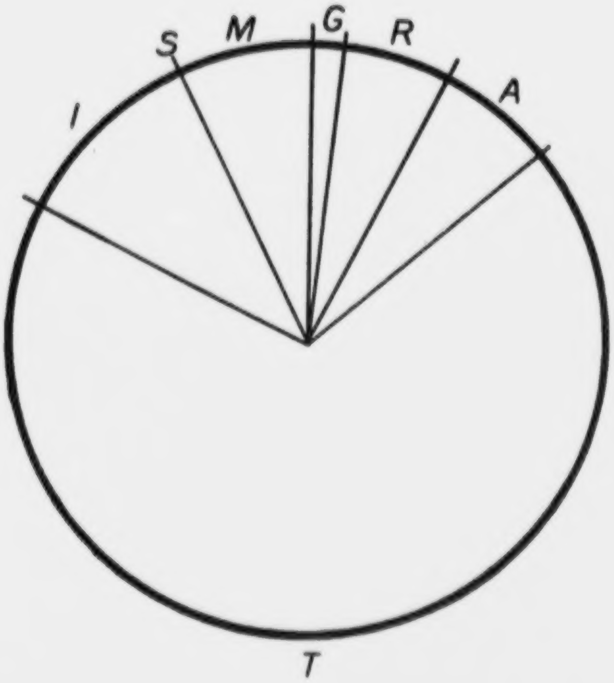
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	2%	0%	10%	63%	0%	25%

K.BOYER
SECRETARY

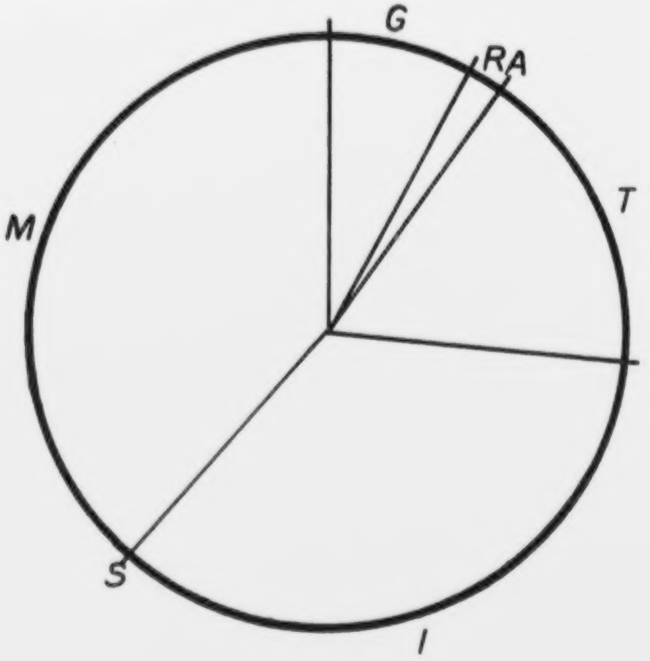
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
2%	6%	7%	69%	10%	0%	7%

P.CAVANAGH
ENERGY CONSULTANT

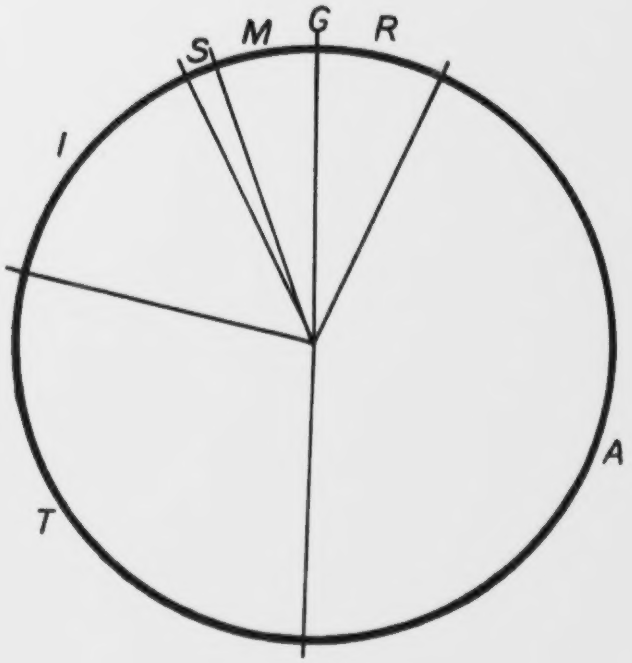
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
8%	2%	0%	17%	35%	0%	39%

D.COUSINS
ENERGY PROJECT DIRECTOR

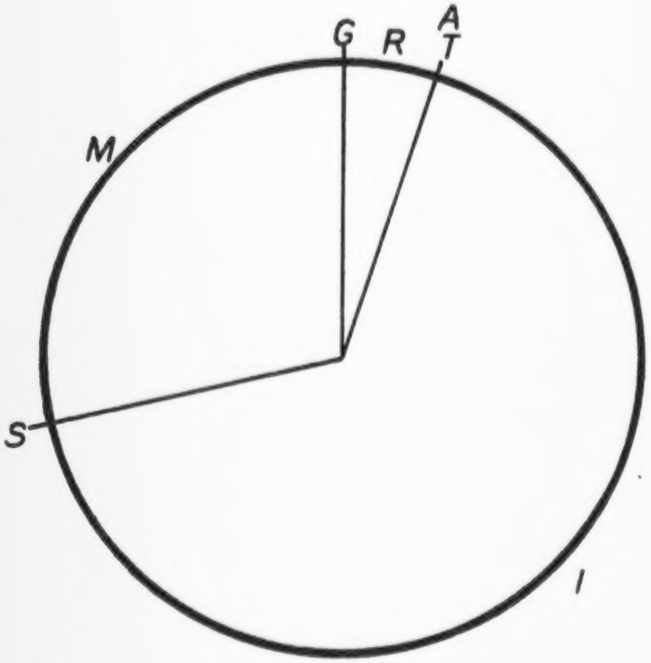
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	7%	44%	28%	14%	2%	5%

E. CHERNENKOFF
RESEARCH ASSISTANT

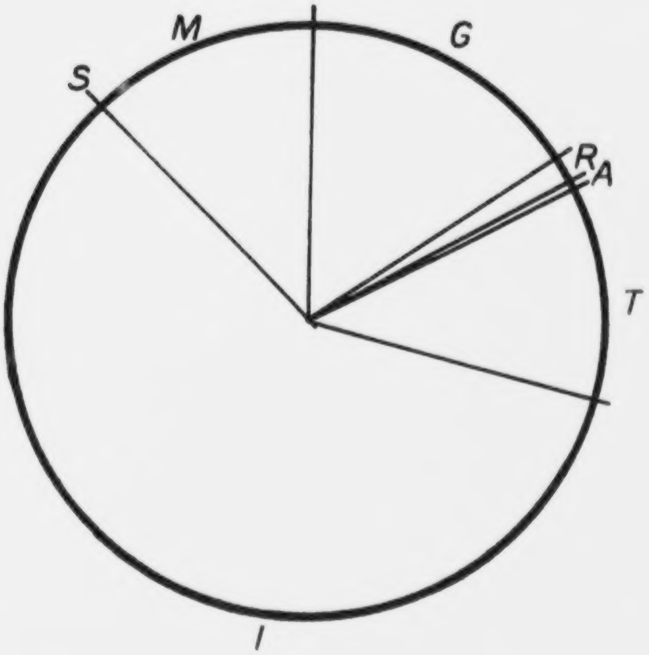
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	5%	0%	0%	66%	0%	29%

R.FIEDLER
PLANNING OFFICER

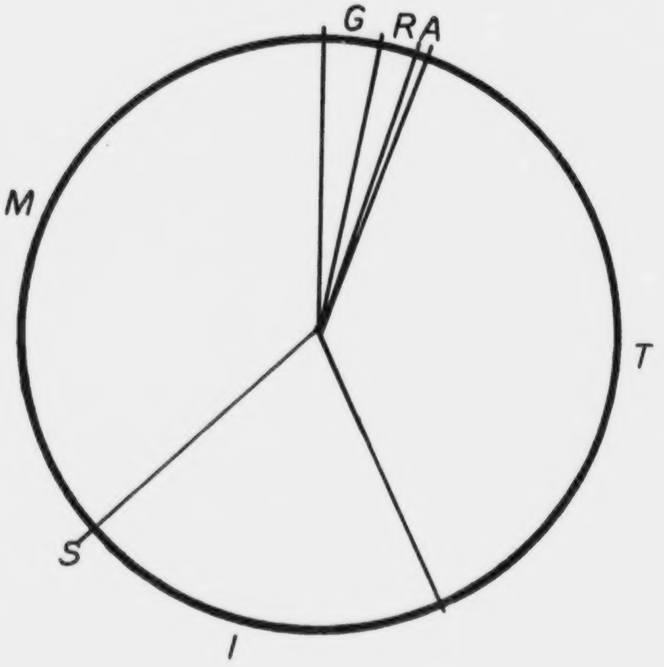
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
16%	1%	0%	12%	58%	0%	13%

J.FORSTER
ENGINEER

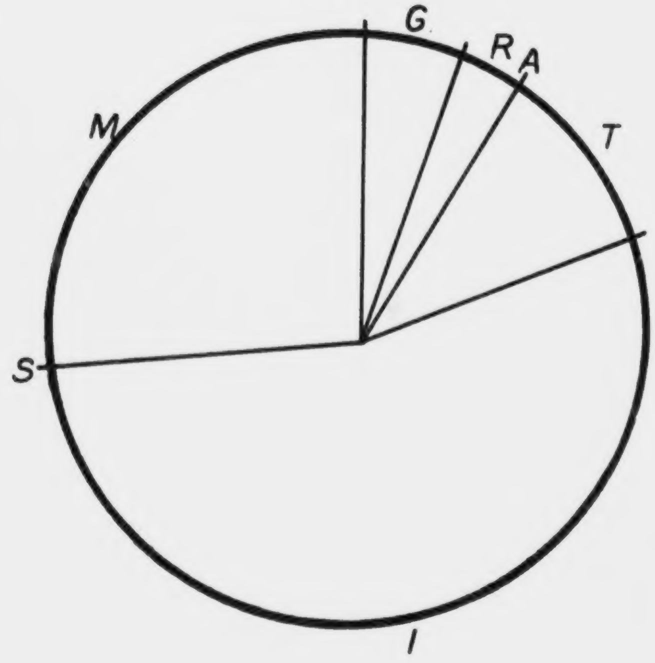
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
3%	2%	1%	38%	22%	0%	34%

T.GOUGH
INSPECTOR

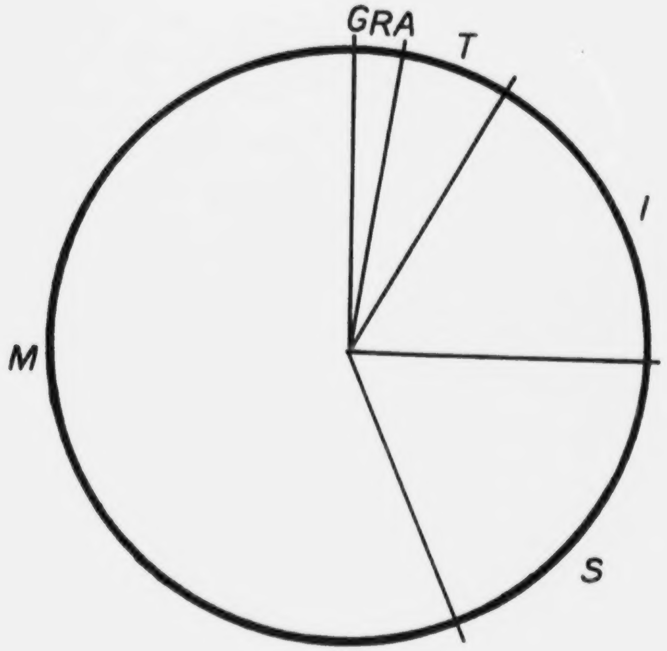
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
5%	3%	0%	10%	55%	0%	27%

L.GRANT
SCHOOL BLDGS. BOARD COORDINATOR

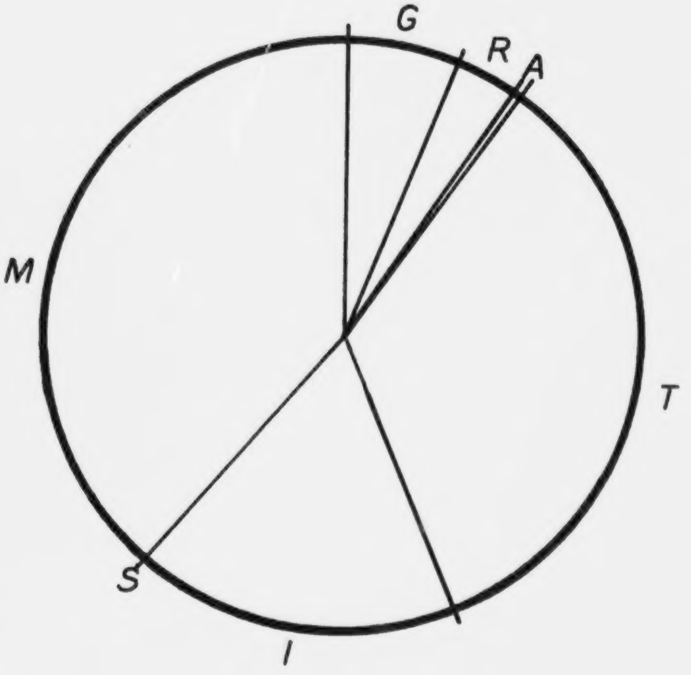
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	2%	0%	6%	20%	18%	54%

R.HOWEY
RECEPTIONIST

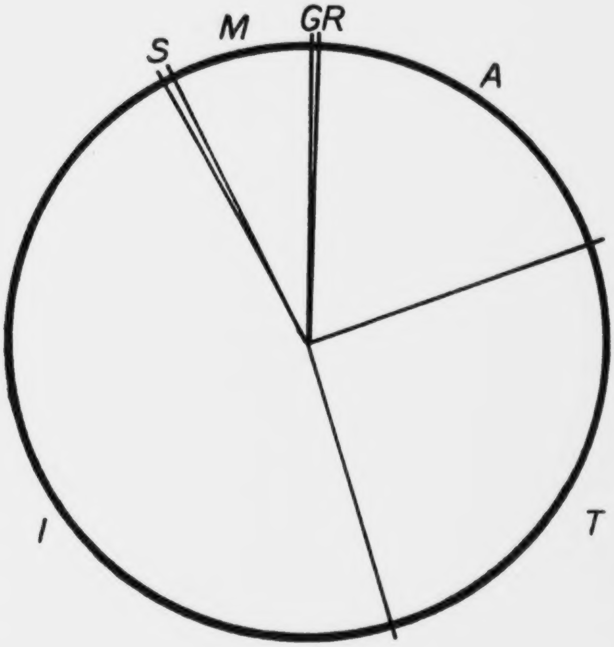
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
6%	3%	0%	34%	18%	0%	39%

J. JOHNSON
INSPECTOR

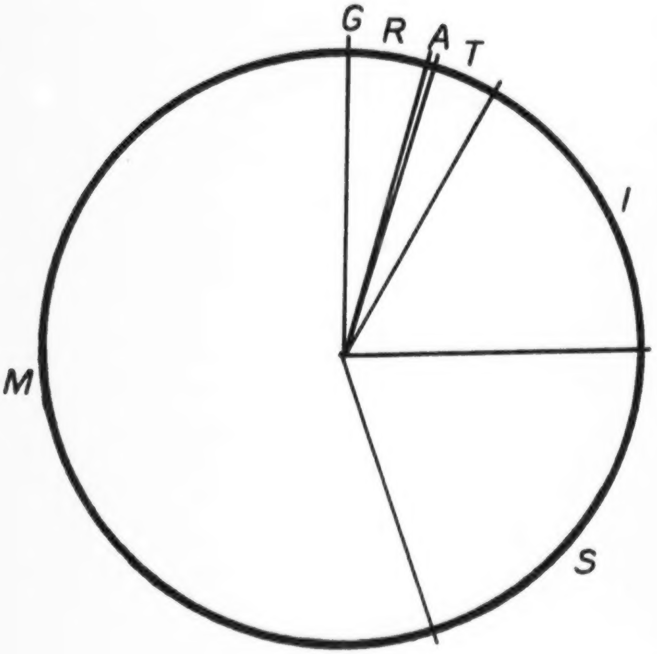
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	0%	19%	26%	47%	1%	7%

D.KINNAIRD
CONSULTANT

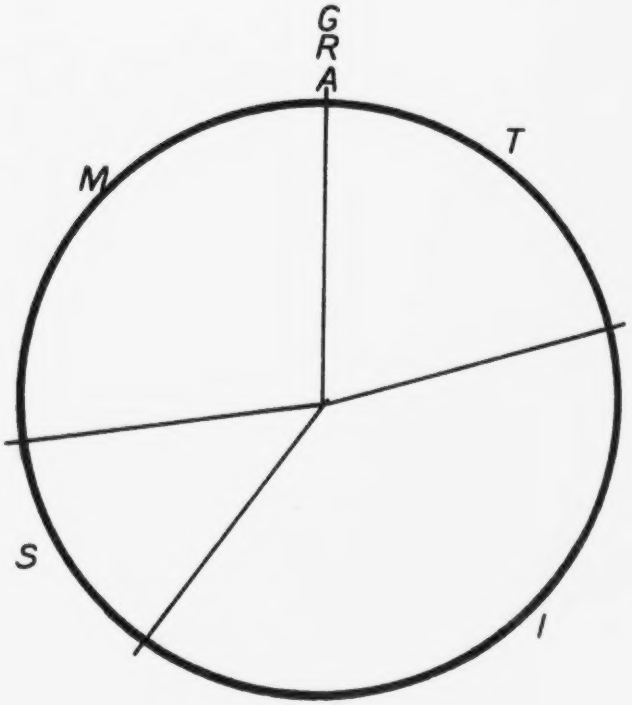
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	4%	0%	4%	16%	20%	56%

E. KRYS
OFFICE SUPERVISOR

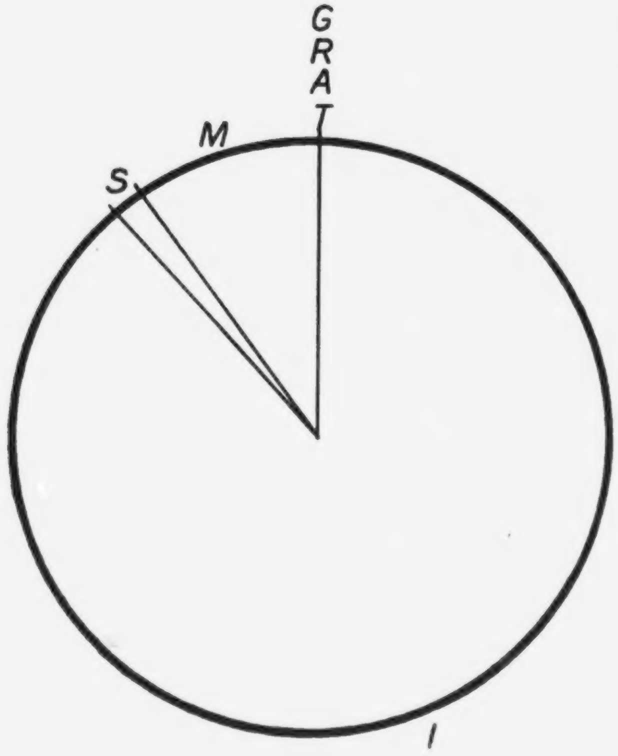
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	0%	0%	21%	39%	13%	27%

E.KUBICA
SECRETARY

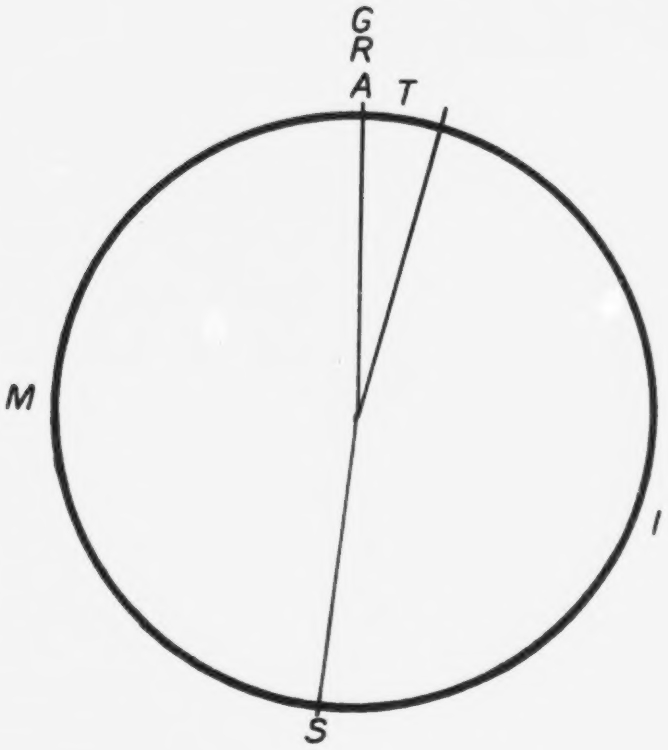
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	0%	0%	0%	88%	2%	10%

J.KULBA
DIRECTOR

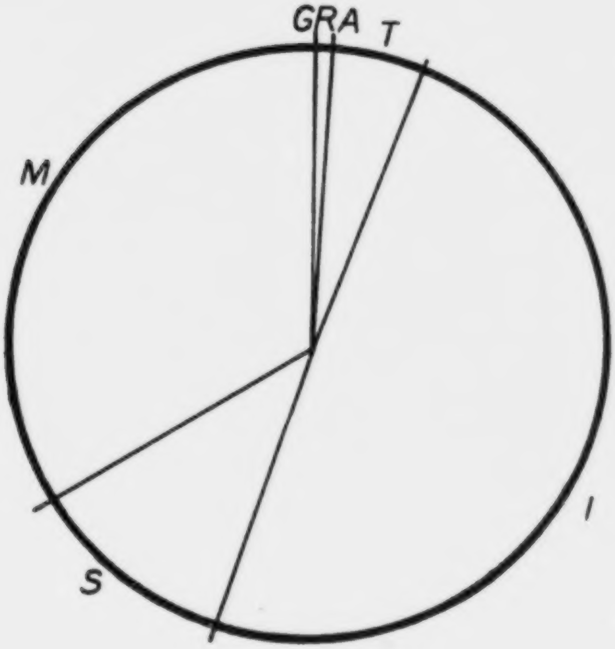
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	0%	0%	4%	48%	0%	48%

H. LE
ASSOCIATE DIRECTOR

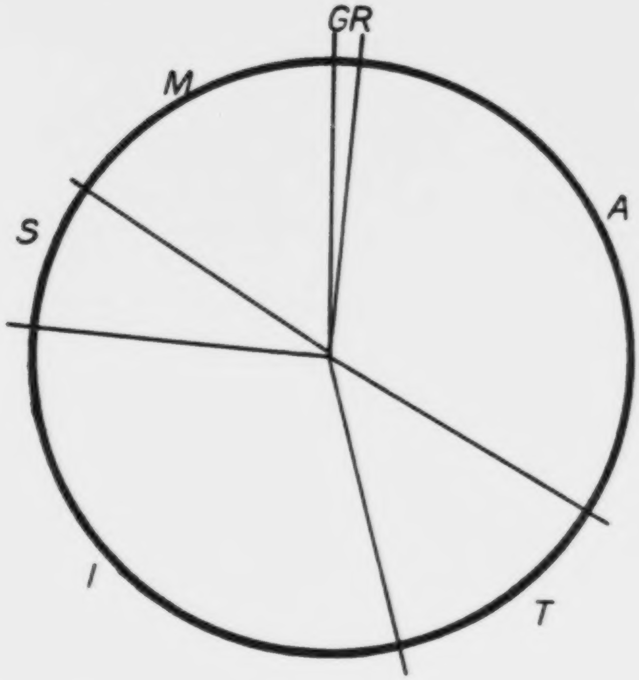
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	1%	0%	5%	49%	11%	34%

N. MAH
SECRETARY

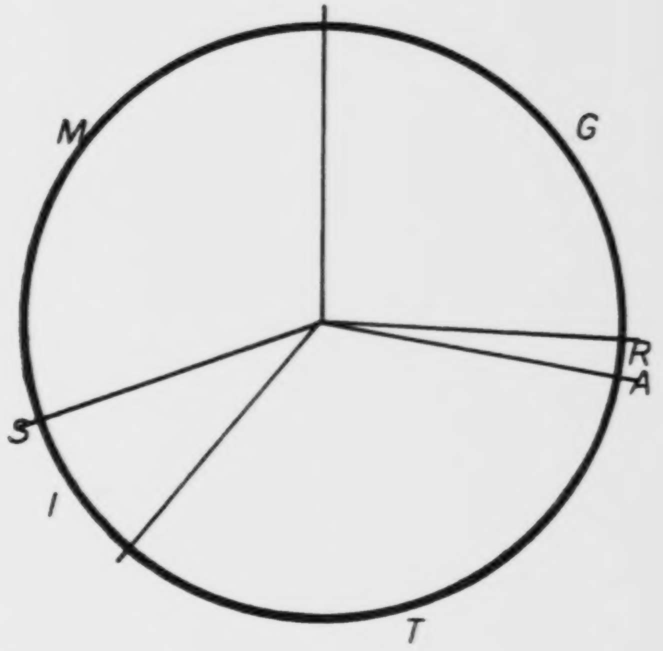
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	1%	32%	12%	31%	8%	16%

S.MARZETTI
SECRETARY

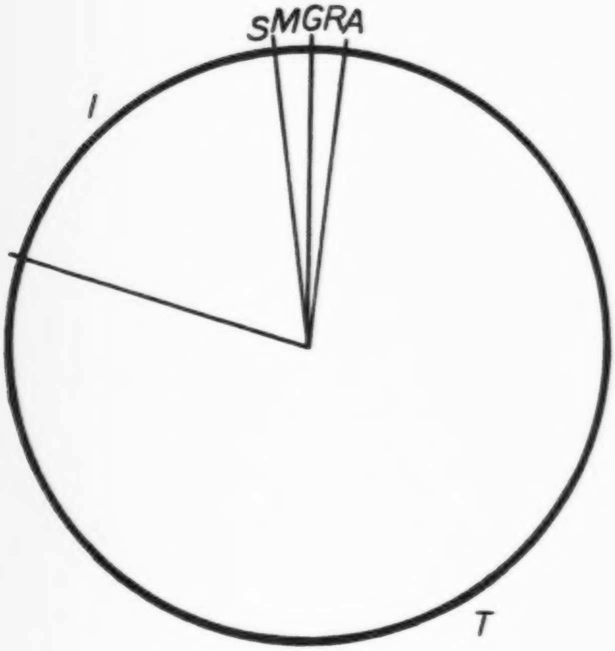
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
26%	2%	0%	34%	8%	0%	30%

D.McLEAN
INSPECTOR

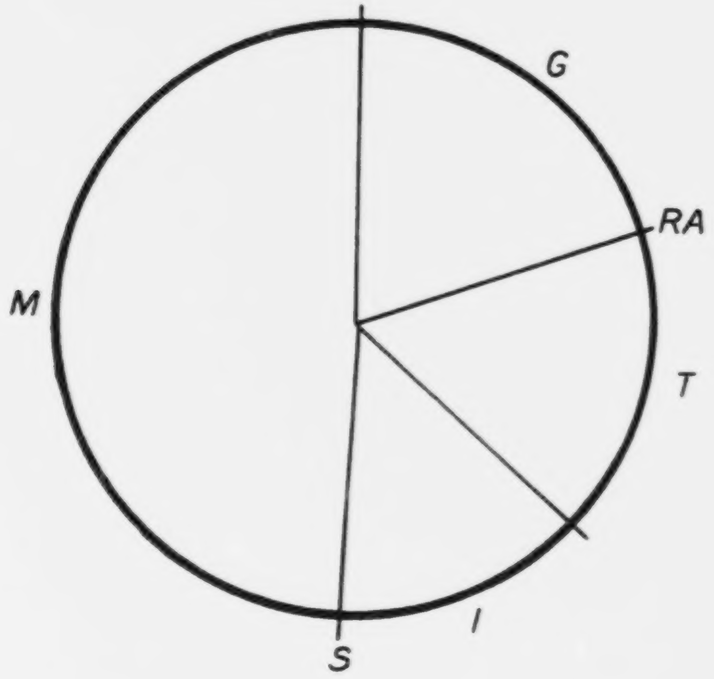
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	2%	0%	78%	18%	0%	2%

C. OSINCHUK
ADMINISTRATIVE OFFICER

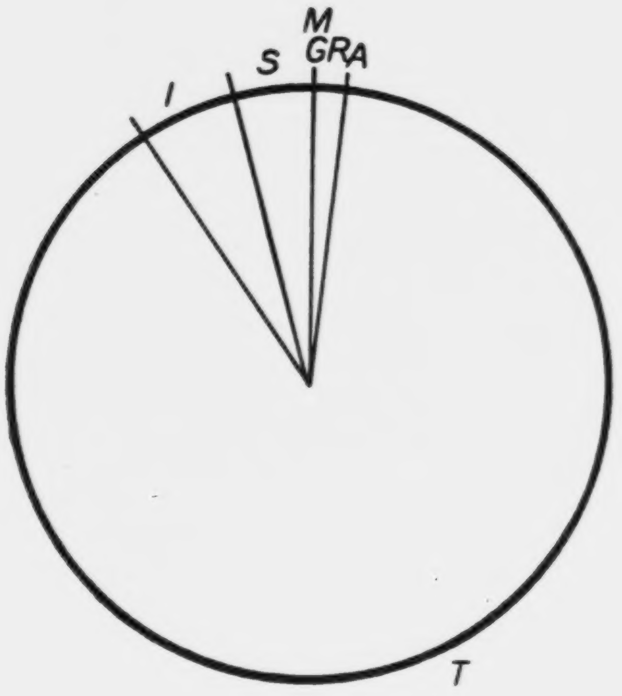
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
20%	0%	0%	17%	14%	0%	49%

E. PARDELY
INSPECTOR

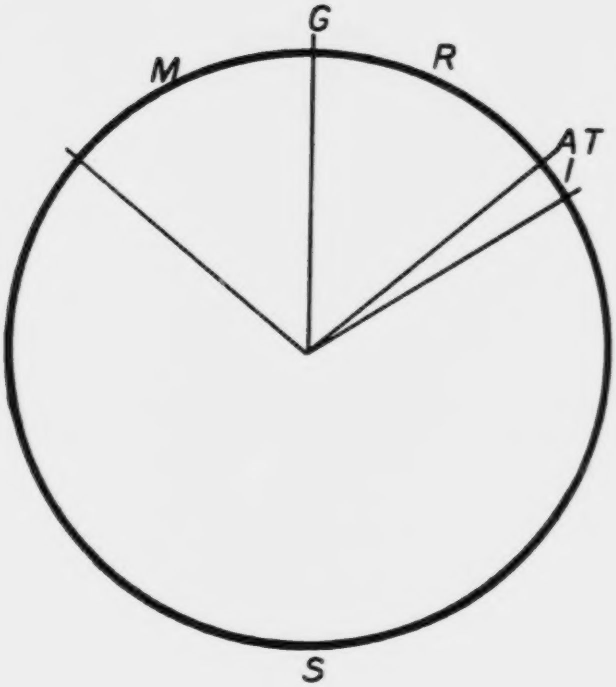
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	2%	0%	89%	5%	4%	0%

A. PHILLIPS
PLANS EXAMINER

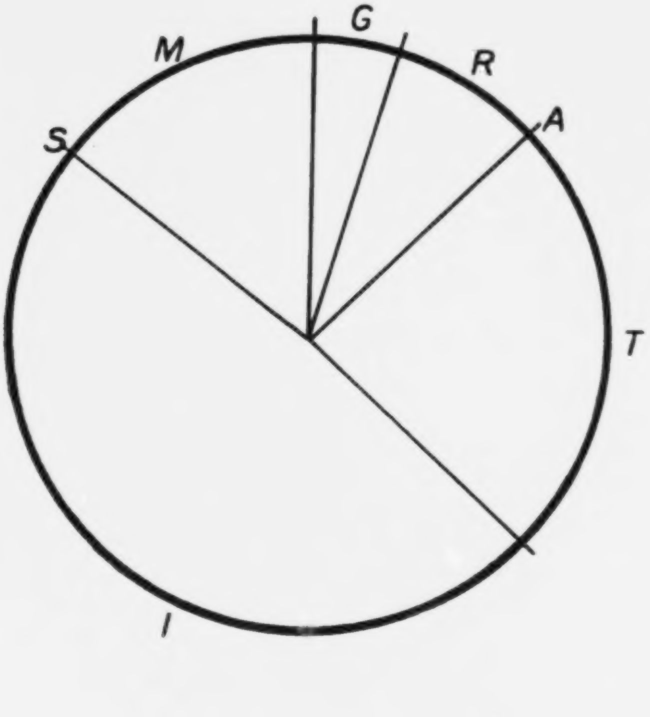
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	14%	0%	0%	2%	70%	14%

A. PYRCH
SECRETARY

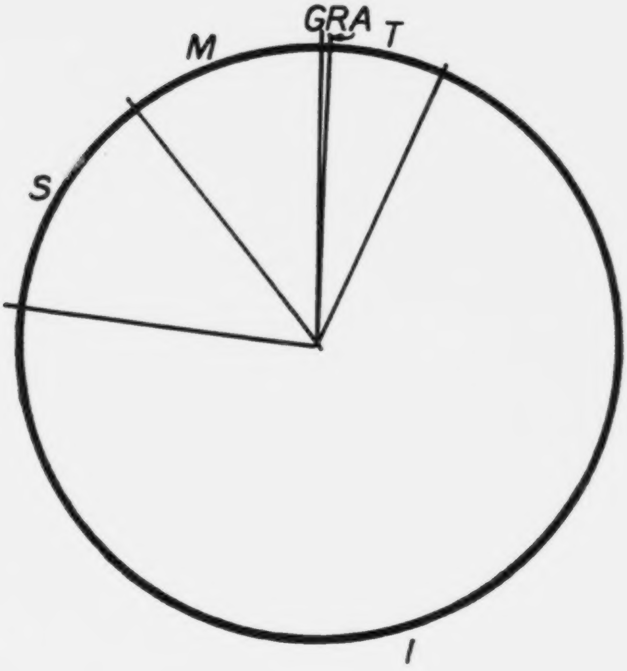
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
5%	8%	0%	24%	49%	0%	14%

R. ROSS
ENGINEER

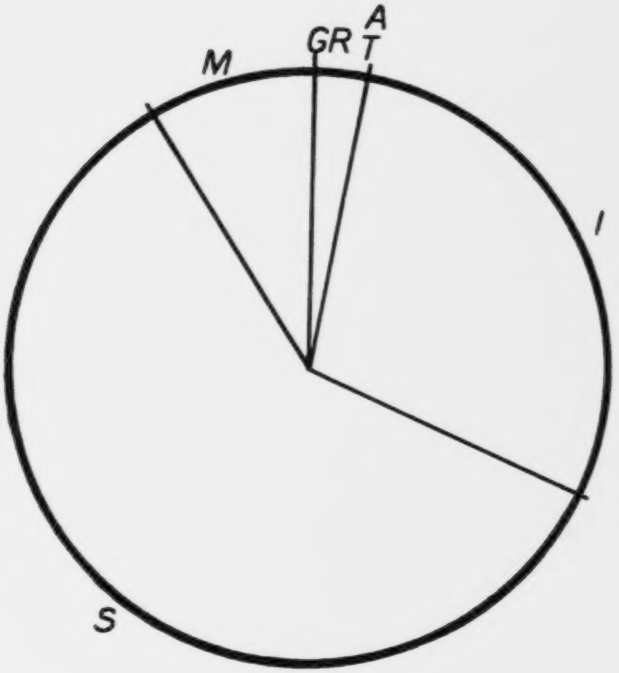
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	0%	0%	6%	70%	12%	12%

H. SANGHA
SECRETARY

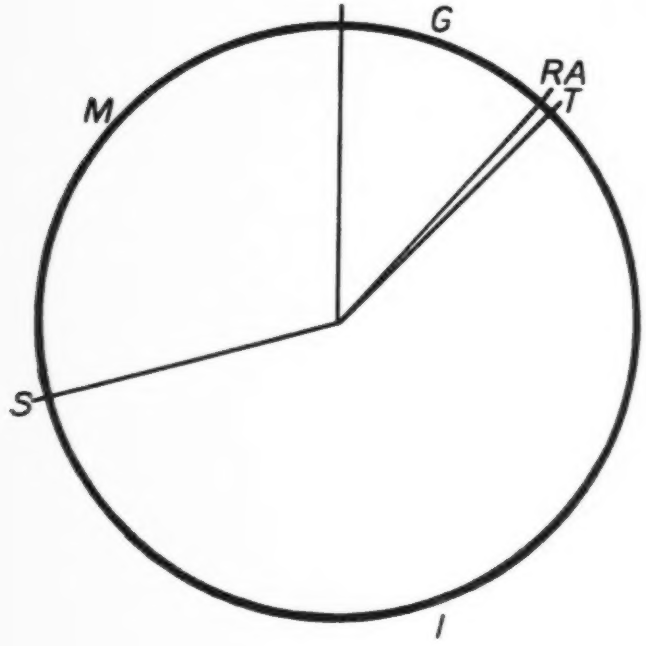
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	3%	0%	0%	29%	59%	9%

D. STELTER
SECRETARY

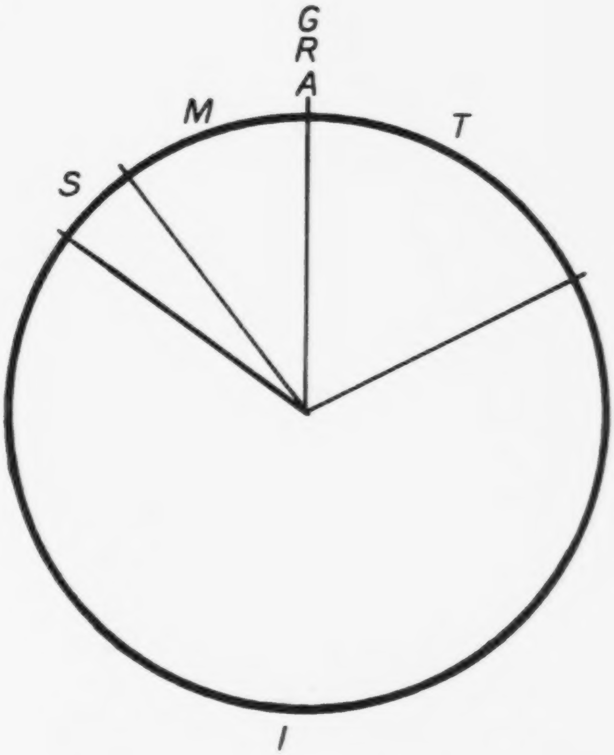
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
12%	0%	0%	0%	58%	0%	30%

M. WELESCHUK
ASSOCIATE DIRECTOR

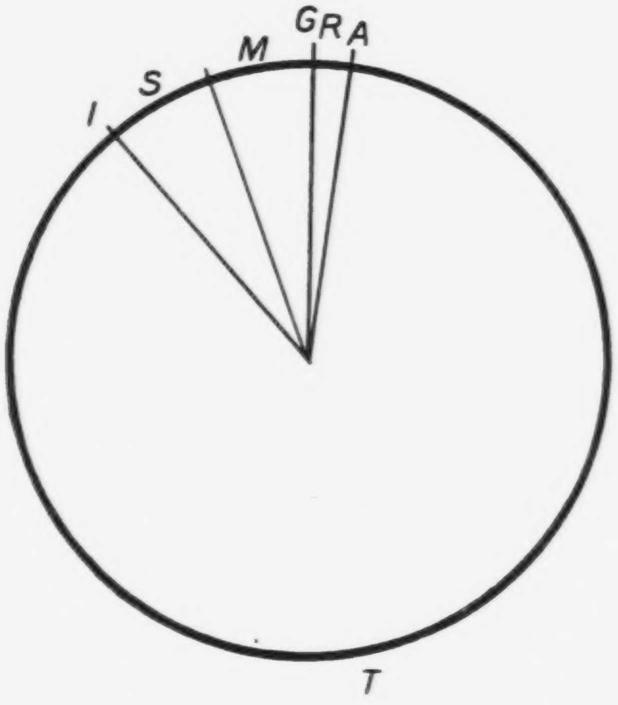
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	0%	0%	18%	68%	4%	11%

R. WILHELM
SECRETARY

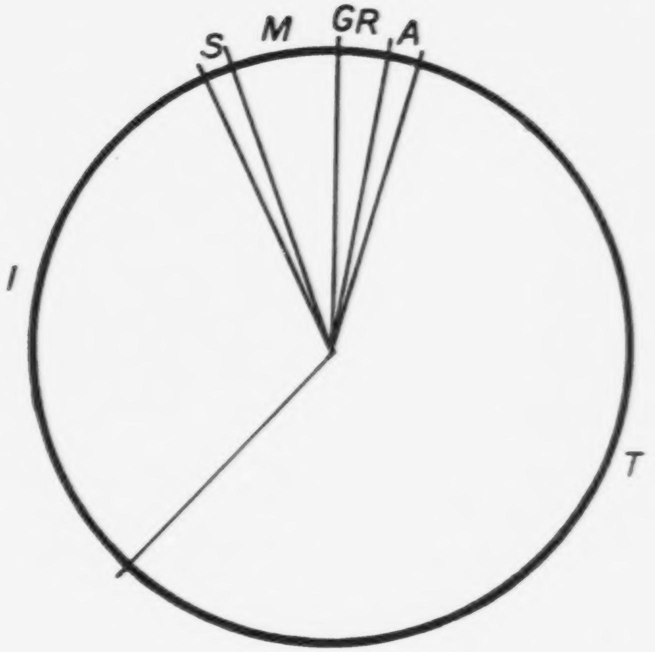
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	2%	0%	87%	0%	6%	5%

A. WILSON
PROJECT SPACE DRAFTSMAN

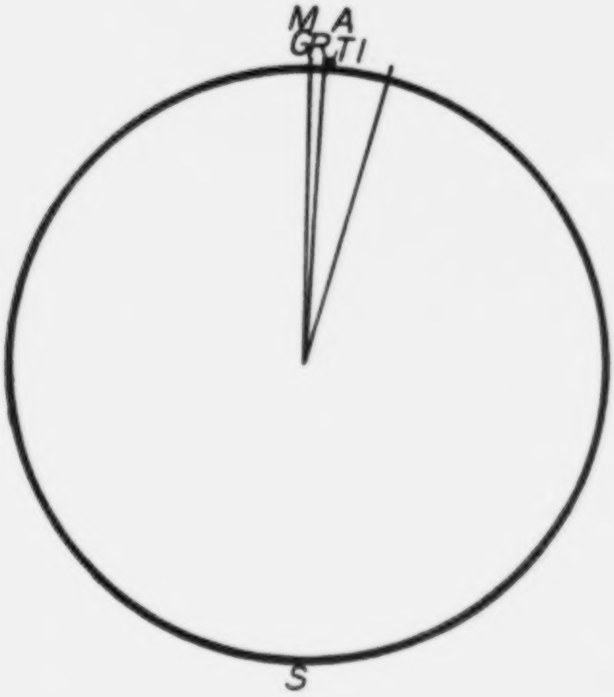
PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	3%	2%	57%	31%	2%	5%

L. WILSON
PLANS EXAMINER

PERCENT OF TIME SPENT ON G.R.A.T.I.S. AND MISC. ACTIVITIES



Generate	Retrieve	Acquire	Transform	Inform	Store	Misc
0%	1%	0%	0%	4%	95%	0%

A. YAM
CLERK

APPENDIX Q

Minimum Requirements for a Branch System

APPENDIX Q

REQUIREMENTS FOR A SCHOOL BUILDINGS SERVICE SYSTEM

Requirements for a School Buildings Service System include, but will not necessarily be limited to, the following aspects:

- integration of word processing and computing capacities;
- on-line access to EDIS, ASSIST, Finance & Administration historical enrolment data, and School Business Services debenture data;
- school capital submission formula calculations, including utilization, equity and support prices;
- school capital project approval process control and status reports;
- enrolment projections by school jurisdiction, by school and by grade including feeder school configurations;
- school capacity calculations;
- school lease, closure and disposal data base;
- school jurisdiction outstanding debenture and local support data base;
- school construction tender log data base;
- School Buildings Board minutes data base;
- School Buildings Data Base including;

    1 provincial summary
    6 regional summaries
    79 constituency summaries
    170 school jurisdiction profiles
    1500 school profiles
    7000 age separated school section profiles

APPENDIX R

Relevant Sources of Electronic Information

ENR DIGITAL BASE MAPPING

Contact Person: Marv Weiss
Assistant Director
Provincial Mapping 7-6467

Features

- ENR has the mandate to provide digital base mapping to all government departments.
- A 1: 250,000 series is available that includes:
    - natural features
    - all roads
    - Municipal boundaries
    - Indian Reserves
    - Parks
    - Railways
    - Place names
- ENR may be in a position in the near future to provide a service on a cost recovery basis to do theme mapping overlays

COMMENTS

Mr. Weiss suggests we meet with him to discuss our needs in detail. He will demonstrate the capability of the ENR system.

URBAN TRANSPORTATION PLANNING SYSTEM (UTPS)

Contact person: Al Werner
Manager, Planning Services
Alberta Transportation 7-6717

Transportation has developed the UTPS over to last two years as a data base management system and transportation planning tool, using the Terrace Building CPU and Cal Comp Plotters.

Features include:

- Digitized road overlay of province including primary and secondary roads but not municipal roads in terms of links and nodes.
- Digitized municipal boundaries
- Township and section plan geocoding of data
  (uses section pins as reference poins i.e. legal land description).
- Digitized rural EA census data (81 census) in conjunction with ABS.
- Ability to do trip table simulation, current and future forecasting, in a 2000 point matrix.
- System could be used to optimize student transportation and catchment areas.

COMMENTS

- Cost to set up a busing optimization model for Peace River area would be in the order of $30,000 to $50,000.00
- Mr. Werner is eager to assist other departments in making use of this tool.

APPENDIX S

Sources of Information/Assistance

S 1. Contacts with Other Alberta Government Departments Showing Sources and Types of Information Required

S 2. Miscellaneous Sources

S 3. The School Buildings Services Branch Supplies upon Request, EDIS Reports to the Following Alberta Education Branches

APPENDIX S1

SOURCES OF INFORMATION/ASSISTANCE

CONTACTS WITH OTHER ALBERTA GOVERNMENT DEPARTMENTS SHOWING SOURCES AND TYPES OF INFORMATION ACQUIRED

Department	Books, Reports	Population* Projection	Dated Branch Information	General Municipal Plans
Municipal Affairs	x	x	x	x
Housing & Public Works		x	x	
Advanced Education Library	x			
Energy Resources Conservation Board	x		x	
Economic Development			x	
Energy and Natural Resources	x		x	
Environment	x		x	
Manpower	x	x	x	
Tourism, Small Business	x			
Transportation			x	
Alberta Bureau of Statistics	x	x	x	
Legislature Library	x			

* Enrolment projections supplied upon request to Municipal Affairs, and Housing and Public Works.

APPENDIX S

Sources of Information/Assistance

S 1. Contacts with Other Alberta Government Departments Showing Sources and Types of Information Required

S 2. Miscellaneous Sources

S 3. The School Buildings Services Branch Supplies upon Request, EDIS Reports to the Following Alberta Education Branches

APPENDIX S2

SOURCES OF INFORMATION/ASSISTANCE

MISCELLANEOUS SOURCES

Within Alberta Education	Communications Branch	- CEFP publications - writing and editing assistance and information.
	Planning Services Branch	- information on automation from Information System Section
	Edmonton Regional Office of Education	- books and reports from library - E.R.C.B. application from library
Town Offices		- population, live births, informatoin on latest municipal plans.
Canadian and American Departments of Education		- provide reports in their funding system for research projects.
School Boards		- feeder plans, new enrolments and live birth statistics.

APPENDIX S

Sources of Information/Assistance

S 1. Contacts with Other Alberta Government Departments Showing Sources and Types of Information Required

S 2. Miscellaneous Sources

S 3. The School Buildings Services Branch Supplies upon Request, EDIS Reports to the Following Alberta Education Branches

APPENDIX S3

THE SCHOOL BUILDINGS SERVICES BRANCH SUPPLIES UPON REQUEST, EDIS REPORTS TO THE FOLLOWING ALBERTA EDUCATION BRANCHES:

Curriculum
Financial and Administrative Services
Planning Services.

APPENDIX T

List of Data Acquired by Capital Program Area

T 1. New Construction

T 2. Modernization

T 3. B.Q.R.P.

APPENDIX T1

LIST OF DATA ACQUIRED BY CAPITAL PROGRAM AREA

NEW CONSTRUCTION

Application Form for
New Construction

- Name of Jurisdiction
- Name of District
- Enrolments:
    - 5 year historical
    - 5 year projected
- Name of Project
- Capacity of Project
- Area of Project
- Estimated Project Cost
    - Land Purchase
    - Site Development
    - Construction Contract
    - Architect's Fees
    - Furniture and Equipment
    - Water and Sewer
    - Total Estimated Project Cost
- Estimated Financing by Source
    - Equity Factor
    - Utilization Factor
    - Area
    - Support Level
    - Distance Allowance
    - Other Allowance
    - Total Estimated Provincial Support
    - Local Support
    - Other Support
    - Total Estimated Project Support
- Name of School
- Address
- School Board Priority of Project
- Provincial Priority Number

Summary of Projects
on Form 1315-236 A & B

- Name of Jurisdiction
- Current Fixed Capacity
- Current Enrolment
- Current U Factor
- Equity Factor
- Number of New Projects:
    - Construction
    - Modernization
- Local Priority Number
- Provincial Priority Number
- Description of Project
- Area Proposed
- Area Approved
- Fixed Capacity Change

- Estimated Government Support
- Estimated Local Support
- Estimated Total Cost

Statement of Final Costs
- Name of Jurisdiction
- Name of Project
- Priority Number
- Date Project Completed
- Year
- Bylaw No.
- Bylaw Amendment
- Statement of Expenditures
    - Actual Cost of Construction
    - Federal Rebate Tax
    - Architects Fees
    - Land Purchase
    - Site Development
    - Equipment
    - Approved Vocational Equipment
    - Total Expenditures
- Statement of Revenue
    - Capital Reserves
    - Contributions from Current Operating Fund
    - Capital Agreements
        - Federal Government
        - Municipalities
        - Other
    - Insurance Recovery
    - Grants
    - Other
    - Debentures Provincially Issued
    - Debenture Issue Requested
    - Total Revenue

Statement of Eligible Costs
- Name of Jurisdiction
- Name and Number of District
- Type of Project
- Final Cost Amount
- Federal Sales Tax
- Professional Fees
- Total Cost
- Gross Area Provided
- Cost Per Square Metre
- Number of Metres Not Recognized
- Number of gross square metres for approval
- Provincial Government Estimated Support
    - E
    - U
    - A
    - S
- Estimated Government SUpport
- Estimated School Board Support
- Date of Tender/Scheme Approval

Final Statement of Eligible Costs

- Name of Jurisdiction
- Name and Number of District
- Type of Project
- Final Cost Amount
- Federal Sales Tax
- Professional Fees
- Total Final Cost
- Gross square metreage provided
- Cost per square metre
- Square metreage not recognized
- Square metreage for approval.
- Final Provincial Government Support
    - E
    - U
    - A (in metric measurement)
    - S
- Total Government Support
- School Board Support
- Date of Tender/Scheme Approval

APPENDIX T

List of Data Acquired by Capital Program Area

T 1. New Construction

T 2. Modernization

T 3. B.Q.R.P.

APPENDIX T2

LIST OF DATA ACQUIRED BY CAPITAL PROGRAM AREA

MODERNIZATION

School Modernization
Application Form

- Name of Jurisdiction
- Name and Number of District
- Enrolments:
  - 5 year historical
  - 5 year projected
- Name of Project
- Room or Area
- Age of Building
- Type of Construction
- Area of Project
- Current Capacity of School
- Capital After Modernization
- Capacity Charge
- Estimated Project Cost
  - Architectural
  - Structural
  - Mechanical
  - Electrical
  - Code
  - Consultant's Fees
  - Other
  - Total
- Estimated Financing by Source
  - Equity Factor
  - Utilization Factor
  - Area
  - Support Level
  - Distance Allowance
  - Other Allowance
  - Modernization Support
- Estimated Maximum Provincial Support
- Local Support
- Other Support
- Total Estimated Project Support
- Name of School
- Address
- School Board Priority Number
- Provincial Priority Number

Summary of Projects
on Form 1315-236 A & B

- Name and Number of Jurisdiction
- Current Fixed Capacity
- Current Enrolment
- Current U Factor
- Equity Factor
- Number of New Projects:
  - Construction
  - Modernization

- Local Priority Number
- Provincial Priority Number
- Description of Project
- Area Proposed
- Area Approved
- Fixed Capacity Change
- Estimated Government Support
- Estimated Local Support
- Estimated Total Cost

Statement of Final Costs

- Jurisdiction
- School Name/Location
- Project Description
- Completion Date
- Priority Number
- School Building Board Approval Minute No.
- Bylaw No.
- Bylaw Amount
- Statement of Expenditures For This Project
    - Actual cost of modernization project only
    - Professional Fees
    - Other
    - Total
- Statement of Revenue
    - Capital Reserves
    - Contributions From Current Operating Fund
    - Capital Agreements
        - Federal Government
        - Municipalities
        - Other
        - Insurance Recovery
        - Grants
        - Other
        - Debentures Previously Issued
        - Debenture Issue Requested
        - Total Revenue

Final Inspection Report Form

- Name of Jurisdiction
- School
- Project Description
- School buildings Board Minute No.
- Total Construction Cost of Project
- Cost Not Related to Above Minute No.
- Professional Fees on Government Approved Items
- Total Cost of Government Approved Portion
- Maximum Support
- Maximum Approved Construction Cost
- Inspector's Evaluation
- Recommended Approved Construction Cost Including Contingency and Fees.

Final Statement of Eligible Costs

- Name of Jurisdiction
- Name/Location of School
- Project Description
- Completion Date
- Priority No.
- School Buildings Board Approval Minute No.
- Costs:
    - Total Construction Cost of Project
    - Costs Not Related to Approval No.
    - Professional Fees on Government Approved Items
    - Total Cost of Government Approved Items
    - Department Supported Cost
    - Costs of Approved Work Not Completed
    - Final Recommended Approved Project Cost
    - Provincial Government Final Support
        - Equity Factor
        - Utilization
        - Approved Supported Costs
        - Other Factors
    - Total Government Support
    - School Board Support
    - Date of Tender/Scheme Approval

APPENDIX T

List of Data Acquired by Capital Program Area

T 1. New Construction

T 2. Modernization

T 3. B.Q.R.P.

APPENDIX T3

LIST OF DATA ACQUIRED BY CAPITAL PROGRAM AREA

B.Q.R.P.

B.Q.R.P. Application Form

- Name of Jurisdiction
- Program Year
- School Name
- School Location
- School Board Priority No.
- B.Q.R.P. Category
- Proposal
- Age of Construction
- Cost Estimate
- Contact Person
- Phone Number

Yearly Summary Sheet

- Name of Jurisdiction
- Program Year
- School Name
- Identification of Project
- Overall Local Priority
- Provincial Priority
- Estimated Government Support
- Estimated Local Cost
- Total
- Meets Priority
- Estimated Government SUpport
- Contact Person
- Phone Number

B.Q.R.P. Claim Form

- Name of Jurisdiction
- Name of School
- Minute No.
- Item and Category
- Description
- Maximum Recognition
- Final Cost
- Vendor
- Invoice No.
- Amount of Invoice
- Amount Claimed
- Inspector Comments
- Maximum Approval
- Administration Fee

APPENDIX U

Potential School Decision Model

SCHOOL FACILITY POST-OCCUPANCY EVALUATION METHODOLOGY

COUNCIL OF EDUCATIONAL FACILITY PLANNERS - ALBERTA CHAPTER

ANNUAL MEETING AND SEMINAR

MARCH 6 - 7, 1985

FOOTHILLS COMPOSITE HIGH SCHOOL

OKOTOKS, ALBERTA

D. Robert Fiedler
Planning and Research Officer
School Buildings Services
Alberta Education

TABLE OF CONTENTS

		Page
Section 1	Introduction and Theoretical Background	1
Section 2	Post Occupancy Evaluation Needs and Issues	3
Section 3	Comprehensive and Flexible Evaluation Methodology	8
Section 4	Evaluation Instrument	10

FIGURES

		Following Page
Figure 1 - 1	Evaluation Design Structure	2
Figure 2 - 1	School Facility Information Needs	3
Figure 2 - 2	School Facility Capital Decision Structure	3
Figure 2 - 3	Generalized School Facility Lifecycle	6
Figure 2 - 4	Ten Year Facility Management Cycle	7
Figure 3 - 1	Comprehensive Evaluation Matrix	8
Figure 3 - 2	Evaluation Objectives and Users	8

SECTION I

INTRODUCTION AND THEORETICAL BACKGROUND

INTRODUCTION

A school facility post-occupancy evaluation methodology is being developed by Alberta Education to meet the specific needs for evaluating school buildings in Alberta. Work done to date is being presented to obtain responses in order to finalize the project.

THEORETICAL BACKGROUND

Both summative and formative evaluations are conducted on school buildings. Summative evaluation is defined as the "process of delineating, obtaining and providing useful information for judging decision alternatives[1]". This type of evaluation is primarily a process of data collection and information management in support of informed decision making; while in formative evaluation the emphasis is on identifying areas for improvement.

The focus of the methodology under development is summative - to fulfill information needs for making capital and policy decisions regarding existing school facilities.

To be effective, an evaluation methodology must fulfill the specific information requirements of specific school facility capital decisions, i.e., BQRP, modernization and school closure. The relative merit of these decision alternatives is ascertained through evaluation of school facilities. Evaluation must also diagnose emerging school facility needs for policy planning and capital decision purposes.

The components of an evaluation design which would be required to operationatize these definitions of evaluation are noted in Figure 1 - 1, Evaluation Design Structure.

FIGURE 1 - 1

EVALUATION DESIGN STRUCTURE

The design structure noted below has been used as a framework to analyze current practice, and to develop the new methodology.

Evaluation Focus

- Levels of decision making (e.g. Provincial, school board, design consultant, community).
- Types of decisions (e.g. capital approval and allocation, design).
- Focus, locus, criticality, timing and composition of alternatives.
- Criteria for each decision alternative (variables for measurement and standards for judging alternatives).

Information Descriptors, Collection, Organization, Analysis and Reporting

Descriptors

- Information reliability, credibility, timeliness, and pervasiveness.

Collection

- Sources.
- Collection instruments and methods.
- Sampling or testing procedure.
- Collection conditions and schedule.

Organization

- Collection, recording and retrieving format.

Analysis

- Analytical procedures and outcomes.

Reporting

- Audiences.
- Reporting format and schedule.

Evaluation Administration

- Staff and resource requirements.
- Policy and operational framework.

NOTES

1. Definition: Evaluation is the (1. process) of (2. delineating), (3. obtaining), and (4. providing) (5. useful) (6. information) for (7. judging) (8. decision alternatives).

Terms:

1. Process A particular, continuing and cyclical activity subsuming many methods and involving a number of steps or operations.
2. Delineating Focusing information requirements to be served by evaluation through such steps as specifying, defining and explicating.
3. Obtaining Making available through such processes as collecting, organizing and analyzing, and through such formal means as statistics and measurement.
4. Providing Fitting together into systems or subsystems that best serve the needs or purposes of the evaluation.
5. Useful Appropriate to predetermined criteria evolved through the interaction of the evaluator and the client.
6. Information Descriptive or interpretive data about entities (tangible or intangible) and their relationships.
7. Judging Assigning weights in accordance with a specified value framework, criteria derived therefrom and information which relates criteria to each entity being judged.
8. Decision Alternatives A set of optional responses to specified decision questions.

Source: Daniel L. Stufflebeam, "Evaluation as Enlightenment for Decision Makers," Educational Evaluation: Theory and Practice, Blaine R. Worthen and James R. Sanders, editors, California, Wadsworth Publishing Company, Inc., 1973

SECTION 2

POST OCCUPANCY EVALUATION NEEDS AND ISSUES

NEEDS

Existing and future activities which require information on school buildings are noted in Figure 2 - 1, School Facility Information Needs.

ISSUES

Issues related to school facility post-occupancy evaluation for School Buildings Services are noted below:

Comprehensive Capital Decision Making

Observations

A capital decision making structure for school buildings is noted in Figure 2 - 2 School Capital Decision Structure. These capital decisions are those that take place within the context of school buildings in Alberta. The Figure 2 - 2 illustrates a relationship between post-occupancy evaluation and capital decision making, and the actors involved with school capital projects. New construction, BQRP, Modernization, alternative use (leasing), energy accounting, preventative maintenance, as well as school closure and disposal are included. **Each separate decision is an aspect of school facility capital decision making, and when combined represent a comprehensive set of capital decisions.**

Evaluation Issues

The objective of Provincial level school funding and capital decision making and thus of post occupancy evaluation is to ensure that provincial priorites are met in an effective, efficient and equitable manner. This goal is to create a high degree of value per dollar spent on school facilities in terms of:

- providing an equal educational environmental opportunity
- providing financial equity
- reducing excess space and maximizing space utilization
- fulfill space requirements.

The more critical the decisions in terms of expenditure or impact on the educational environment, the more extensive and intensive are information/evaluation requirements. For example, school closure is more critical a decision than replacing floor covering. The more sophisticated the decision or technical the system, the more complex the evaluation required. For example, mechanical system safety, efficiency and life expectancy are more difficult to determine and take a higher level of professional expertise than does identifying wear and tear of finishing materials.

ALBERTA EDUCATION

SCHOOL FACILITY INFORMATION NEEDS

EXISTING ACTIVITIES

i. Capital plan, policy and program development

Province wide needs for school facility maintenance, rehabilitation, modernization and new construction are assessed periodically and monitored to establish funding levels, support categories and provincial funding priorities and objectives.

ii. Approval of modernization design submissions

Submissions are made to upgrade school facilities for functional, aesthetic and structural reasons, or rehabilitate several systems at once. Design approval is based on actual need and efficient and effective resolution of that need. Evaluation of modernization design submissions requires professional judgment concerning a comprehensive range of technical and educational aspects of school facilities. These judgments are made regarding both existing facilities and the designs of proposed changes. This latter activity can be viewed as one of judging design decisions made by school boards, architects and engineers.

iii. Approval of BQRP submissions

Submissions are made to replace worn out components and whole technical systems. Professional judgment is used to determine if the component or system is worn out to the degree considered appropriate for replacement. These judgments are based on the experience of the inspectors.

iv. Technical advisory services

Advice is given to school jurisdictions to determine needs for rehabilitation and modernization, and planning advisory services to develop long-range plans for facility requirements. These appraisals are based on the professional judgment of branch personnel, and geared toward identifying problems, delineating alternatives, establishing costs/benefits, and making recommendations. They are tailored to meet the needs of the given situation, which varies from jurisdiction to jurisdiction and school to school.

v. Preparing recommendations on school disposal

Recommendations for school disposal are based on the cost and feasibility of upgrading structural and educational terms. Need for the facility can be a factor in deciding marginal cases. Judging whether or not to close a school requires the most comprehensive evaluation of school facilities.

vi. Energy audits

Consulting services are provided to identify cost effective energy conservation measures. Energy use, building envelopes and HVAC systems are analyzed and computations are made to determine payback periods. Both mini and maxi audits are performed.

REQUIRED ACTIVITIES

i. Design feedback for New Construction

The Branch may become involved in this aspect of facility evaluation through preparation of Facility Guideline Handbooks. The purpose of these handbooks is to improve the design of new facilities through feedback from existing facilities.

Evaluation provides the opportunity to obtain information that can be used to improve the planning, design and construction of education facilities. This material could be compiled by the Branch for use by school boards.

Information obtained through evaluation would be useful to:

- determine the success of given school planning processes and designs;
- identify particular features that warrant repetition in future projects;
- determine how well the building responds to the educational specifications to which it was designed;
- identify features that require further study;
- identify features that should be eliminated in future projects; and
- identify the most effective and efficient types of systems currently being used in schools in terms of life cycle costs.

ii. Feedback to Set Evaluation Criteria

Evaluation to be conducted consistently, must be done to a common standard. Evaluation criteria can be updated through analysis of evaluation findings. For example, standards and criteria used by regional educational consultants, and School Buildings Services personnel are required to be standardized and periodically updated.

iii. Excess Space Inventory

Information required for effective management of excess school space include:

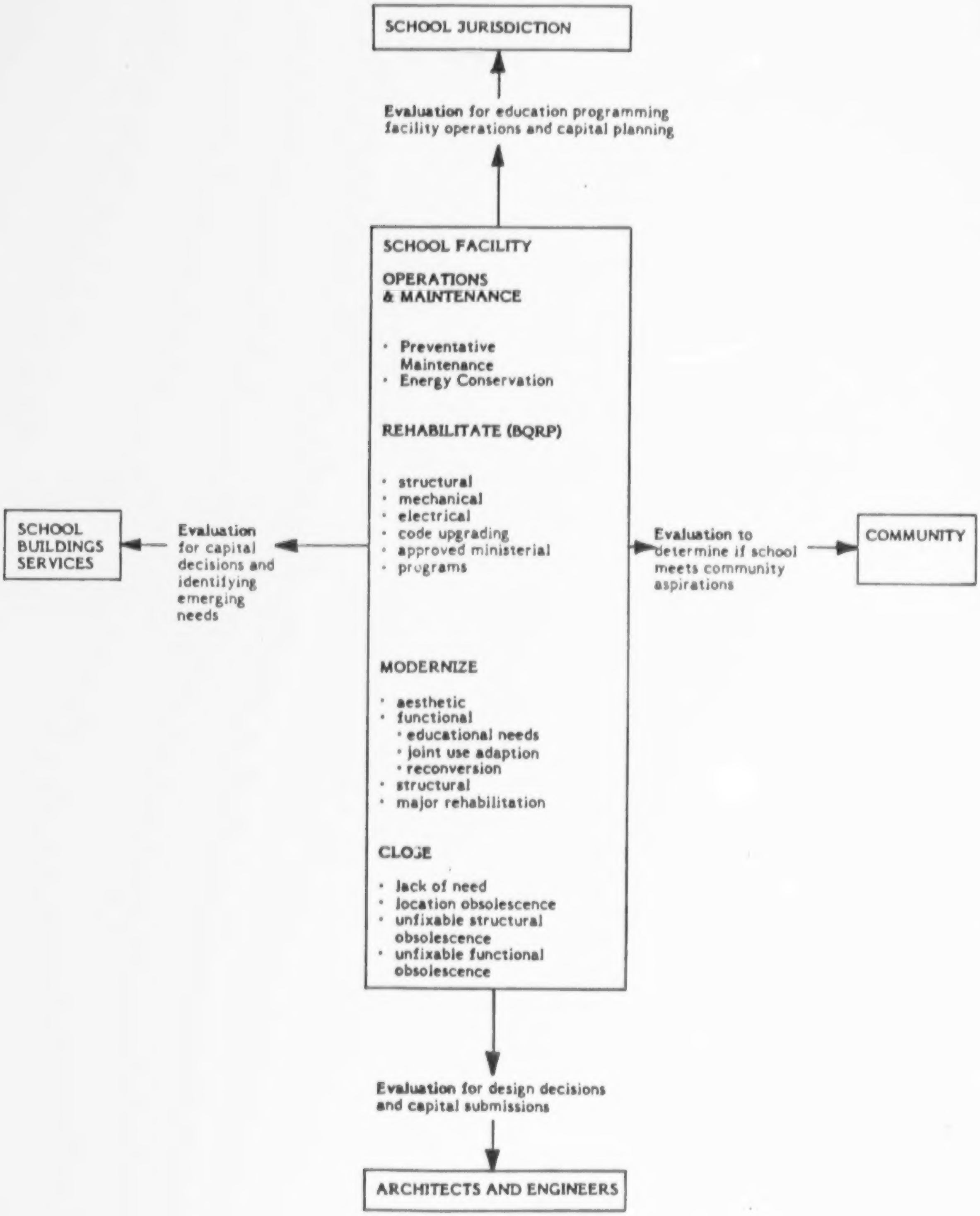
- Where is the space located and what is the surrounding land use?
- What is the nature of the space, and for what alternative uses is it suitable?
- Is the space suitable for joint use?
- Is the space potentially needed for educational purposes in the short or long-term, or is it needed at all?
- What space will become idle in the near future?

BEST COPY AVAILABLE

BEST COPY AVAILABLE

FIGURE 2 - 2

SCHOOL FACILITY CAPITAL DECISION STRUCTURE


SCHOOL JURISDICTION
Evaluation for education programming facility operations and capital planning
SCHOOL FACILITY
OPERATIONS & MAINTENANCE
· Preventative Maintenance
· Energy Conservation
REHABILITATE (BQRP)
· structural
· mechanical
· electrical
· code upgrading
· approved ministerial
· programs
MODERNIZE
· aesthetic
· functional
· educational needs
· joint use adaption
· reconversion
· structural
· major rehabilitation
CLOSE
· lack of need
· location obsolescence
· unfixable structural obsolescence
· unfixable functional obsolescence
SCHOOL BUILDINGS SERVICES
Evaluation for capital decisions and identifying emerging needs
Evaluation to determine if school meets community aspirations
COMMUNITY
Evaluation for design decisions and capital submissions
ARCHITECTS AND ENGINEERS

This varying degree of criticality will have implications on the types of information and degree of detail through school facility evaluation and the expertise of the evaluator.

The capital decisions made by the Branch affect and are affected by those made by school jurisdiction personnel, architects and engineers in the field and senior officials within Alberta Education. Consensus is reached in the form of modernization and BQRP submissions.

Solution Image

Each school capital decision (i.e., restoration, modernization, alternative use, and closure) has particular information requirements; requirements that add up to the need for an evaluation methodology to provide a comprehensive evaluation of school facilities, yet provide specific and different information for each type of decision. The evaluation methodology will have to provide information to choose between school closure, modernization, BQRP and maintaining the status quo.

The evaluation methodology should facilitate decision making within School Buildings Services as well as capital decisions made by school jurisdiction personnel, and planning and design decisions made by consultants, so that all involved in the school capital process use the same evaluation criteria and processes to arrive at the same conclusions regarding school facilities.

Appropriate types of information, degrees of detail, etc. will have to be collected for each decision within an overall methodological framework.

EVALUATORS

Observation

Evaluation of school facilities is now based on professional judgment and experience of the individual evaluators. Each person has a unique background that influences the way in which he evaluates schools. These backgrounds can be grouped into educational (program, practice and administration) and technical, (engineering, architectural and construction.)

Evaluation Design Issues

Specific expertise and experience is required for evaluating particular building components and functions. The evaluation is only as good as the degree of expertness of the evaluator.

Solution Image

To establish a systematic evaluation program evaluation teams should be comprised of personnel with both technical and educational expertise.

EVALUATION STANDARDS

Observation

Current standards of evaluation are represented by the professional judgment of the individuals during the evaluation, based on their expertise and experience. Common evaluation criteria do exist and are shared but this exchange is not formalized or explicit.

Evaluation Design Issues

Current evaluation standards are implicit and somewhat unique depending on the individual evaluator.

Solution Image

To ensure evaluations results are repeatable from evaluator to evaluator, and from school to school, individual's evaluation criteria and standards must be made more explicit and shared among all those who evaluate school buildings. These criteria and standards could take the form of Facility Handbooks.

EXISTING DATA BASES

Observation

The following records contain information useful to the evaluation of school facilities:

- Enrolment Projects and Education Program Delivery Needs
- School Jurisdictions Three-Year Capital Plans
- BQRP, Modernization and New Construction Files
- EDIS
- Project Space Plans
- Field Files
- Tender Documents
- Existing Technical Evaluations
  Fire Marshall, Boilers Branch, Occupational Health and Safety, Buildings Standards, and Environment.
- Consultants' Reports, e.g., roofing and structural
- Energy Audit Reports
- School Financial Records + Maintenance Files

Data on a given school is not centralized but is fragmented into different files, some of which are not readily available.

Evaluation Design Issues

Availability of existing information, and the time it takes to compile it in a form useful for evaluation, are central information management issues associated with school facility evaluation. Time constraints often make a comprehensive compilation of background data unfeasible, and infield evaluations may be conducted without the full benefit of review of all pertinent background information.

Solution Image

An up-to-date, readily accessible and comprehensive data file needs to be established for each school and school jurisdictions in order to conduct school facility evaluations. All data pertinent to school facility capital decisions should be included. Once such a system was established with the 170 jurisdictions and 1500 school files, it would provide the following benefits:

- reduce administration costs through reducing the amount of time it takes to compile information on a given school; and
- facilitate more comprehensive analysis of school buildings.

A complete solution would be to develop a Management Information System for school facilities, with automated file management systems with on-line information retrieval capabilities.

SCHOOL FACILITY CONTEXT

Observations

Each of the 1500 school facilities in the province is unique. Age, original design, additions, rehabilitation and modernization history, construction quality, degree of preventative maintenance and educational need all vary and interact to create a unique life cycle for each facility from conception and erection to disposal.

Evaluation Design Issues

The evaluation methodology must accommodate the uniqueness of each school in the province to yield information useful to make facility specific decisions.

Approval of projects on a one to one basis in isolation without taking into account how that project fits into the facility's lifecycle can be less cost effective than a more systematic approach to facility construction, rehabilitation and modernization. A piecemeal approach to building management results in the fact that the most cost effective alternatives are not always chosen. Once a sizable investment has been made to improve some aspect of a school, this financial committment is a committment to continue use of the facility which leads to further investment of funds. Without the benefit of a comprehensive appraisal and formulation of a long-range plan of what to do with a facility, and when, the cost effectiveness of decisions cannot be fully determined. Such an approach to facility management can result in excessive expense in terms of educational outcomes through perpetuating the life expectancy of an educationally inadequate structure.

Solution Image

Noted in Figure 2 - 3 Generalized School Facility Lifecycle is a framework or base, for the 1500 school specific evaluations that are required to make informed capital decisions regarding each school in the province. Indicated are the cycles that can influence school facility capital decisions. The development of these cycles over time will display particular patterns to create a unique life cycle for each facility. Identification of the specific pattern of these cycles for each school facility is the aim of post-occupancy evaluation.

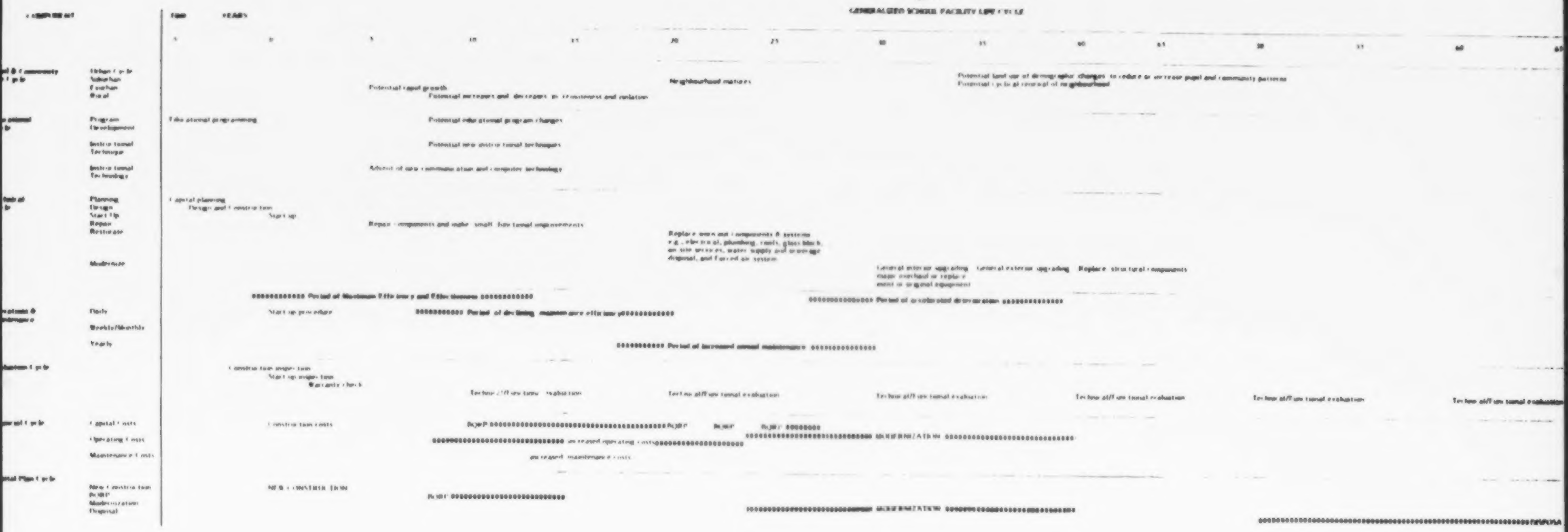
These cycles when combined, would represent a comprehensive understanding on which to base capital decisions. Such a process can provide a more rigorous means to determine needs for facility operations and maintenance, capital upgrading and closure than currently exists.

Evaluation represents a means to incorporate long-range planning into the capital decision making process. The facility profiles will determine the most cost effective point to upgrade operations, rehabilitate, modernize, adaptively re-use or close a school. When a systematic evaluation of school facilities is undertaken every ten years it would be the start of a facilities management cycle as noted in Figure 2 - 4, Ten Year Facility Management Cycle.

When combined, the school specific profiles will facilitate analysis of jurisdiction and province wide trends, and projections of long range plans.

Figure 2 - 1

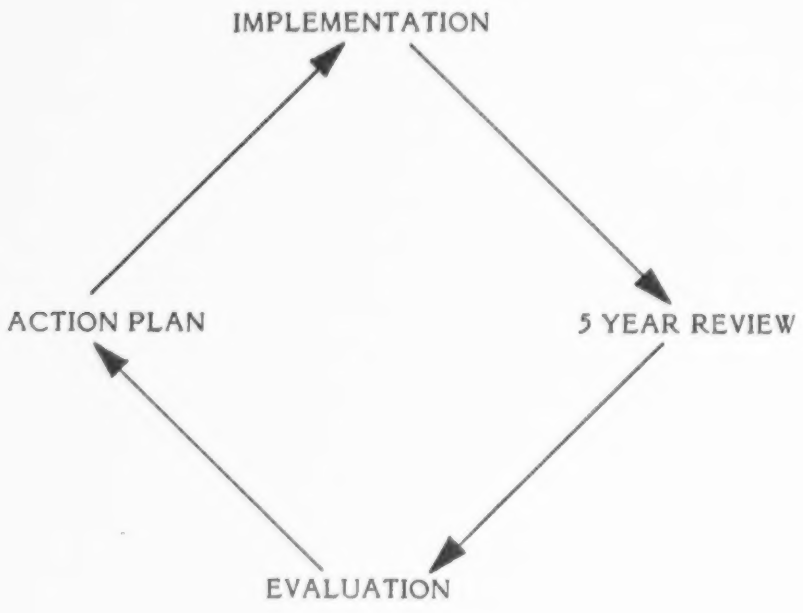
GENERALIZED SCHOOL FACILITY LIFE CYCLE



BEST COPY AVAILABLE

FIGURE 2 - 4

TEN YEAR FACILITY MANAGEMENT CYCLE


IMPLEMENTATION
ACTION PLAN
5 YEAR REVIEW
EVALUATION

SECTION 3

COMPREHENSIVE AND FLEXIBLE EVALUATION METHODOLOGY

INTRODUCTION

The approach taken has been to develop an evaluation methodology with as wide a utility as possible. To accomplish this end the post occupancy evaluation methodology has been designed to be comprehensive in scope and flexible in application.

A comprehensive evaluation matrix is noted in Figure 3 - 1. The matrix is based on the school facility life cycles noted in the previous section and has been developed to meet the objectives and user requirements noted in Figure 3 - 2. This matrix represents an overview of a comprehensive evaluation methodology. A school facility profile is developed for each of the school facility cycles. A complete evaluation would include each cycle.

Each profile has the following components:

Purpose of the Test
Questions to Answer
Evaluation Standards
Factors to Evaluate
Findings

The profiles for each school facility cycle are translated into an action plan, containing the following components:

Conclusions
Evaluation weighting/formula factor
Recommended course of action

SCHOOL FACILITY PROFILE

Purpose and Questions

The purpose of the test and questions to answer establish what to look at, and for, to evaluate the school facility.

Evaluation Standards

Evaluation is a comparative process. To evaluate building stock you must compare it to something. Schools can be compared directly to other schools (relative evaluation), or to a set of standards/criteria/guidelines (absolute evaluation). Relative evaluation may be appropriate for specific capital decisions involving a limited number of schools, i.e., ranking the schools in an area to decide which one should be closed. Absolute evaluation would provide a more comprehensive and flexible means of evaluation. Schools would be judged on their own merits against an explicit benchmark of performance or standard.

COMPREHENSIVE EVALUATION MATRIX

FACILITY LIFE CYCLE		EVALUATION PROFILE					ACTION PLAN		
		Purpose of Test	Questions to Answers	Evaluation Standards/ Criteria Guidelines	Factors to Evaluate	Description of Weaknesses, Deficiencies, & Obsolescence	Conclusions	Weighing Factors	Recommendations
COMMUNITY & SCHOOL JURISDICTION CONTEXT	Pupil & Community Use Cycle	1A	1B	1C	1D	1E	1F	1G	1H
	Educational Program	2A	2B	2C	2D	2E	2F	2G	2H
	School Jurisdiction Planning	3A	3B	3C	3D	3E	3F	3G	3H
	Community & Physical Infrastructure	4A	4B	4C	4D	4E	4F	4G	4H
	School Site	5A	5B	5C	5D	5E	5F	5G	5H
	User Perceptions	6A	6B	6C	6D	6E	6F	6G	6H
SCHOOL FACILITY	Functional Adequacy & Suitability	7A	7B	7C	7D	7E	7F	7G	7H
	Technical Factors	8A	8B	8C	8D	8E	8F	8G	8H
	Operational Factors	9A	9B	9C	9D	9E	9F	9G	9H
PROVINCIAL CONTEXT	Funding Allocation	10A	10B	10C	10D	10E	10F	10G	10H

OF
TESTS

Item 1A

- determine community user cycles
- enrolment FTE special ed. ECS

Item 2A

- test for changes to educational program technology, and instructional technique
- determine needs for school facilities
- appraise the existing school facility in relation to these needs

Item 3A

- test for optimum catchment area and configuration
- test for distribution of students/community uses in catchment area
- test for consolidation/fragmentation trends in school jurisdiction and in school catchment area

Item 4A

- test for community support facilities

Item 5A

- test for locational obsolescence
  - accessibility (vehicular, bicycles, pedestrians)
- test for functional obsolescence
  - size

Item 6A

- test aesthetic obsolescence
- test for user accessibility to facility
- test for parent and community aspirations, attitudes and expectations toward the school
- test for dissatisfactions, frustrations and security threats
- test for overt user reponses that are likely to be generated by those design features that directly affect the sensory apparatus of the user

Item 7A

- test for environmental obsolescence
  - health and safety
- test for functional obsolescence

Item 8A

- test for technical obsolescence in terms of the degree of wear and tear, deterioration, design weaknesses, life expectancy and code violations
- test for quality of construction

Item 9A

- test for degree of efficiency, effectiveness and safety to operate and maintain the school
- test for functional obsolescence
- test for energy use
- test for the degree of Preventative Maintenance practised at school

Item 10A

- test for equity effectiveness, and efficiency of the capital plan

Item 11A

Feedback For Current Research Issues

- evaluation standards
- new construction
- test for trends that impact school buildings

TO
ANSWER

Item 1B

- Does the school meet community expectations?
- Is the location suited to the population served?

Item 2B

Is the building designed to satisfactorily house the educational program and users?
In and of itself, is the building adequate?
Does the facility support the program?
Is the space optimally used?
Is it the right size?
How does the capacity of the school compare with anticipated enrolments?

Items 3B & 4B

- Does and will the attendance zone generate sufficient pupils to warrant keeping the school open from a utilization perspective?
- Can students be bused to/from surrounding areas?

Item 5B

- Is the size of the site adequate for current and future needs?
- Is the site development adequate for current and future needs?

Item 6B

- How well is the facility adapted to produce the desired psychological, social and physical development in pupils?
- Is the space attractive and comfortable?
- Is the facility healthful and safe?

Item 7B

- What instructional activities can take place in each area?
- What activities take place simultaneously within each area?
- What activities are wanted but cannot take place?
- How many teachers and students does each area accommodate?
- What are the general groupings?

Items 8B & 9B

- Is it possible to obtain replacement parts?
- Can new services be brought to existing areas without major building alterations?
- Are the systems presently working at full capacity?
- If not, to what extent can they be increased with safety?
- What is the life expectancy of each structural and service component?
- Can the services be enlarged or modified economically?
- Is a complete replacement necessary?
- Are services in need of repair or a major overhaul?
- Can conversion be easily made to obtain a better service?
- Is the plant efficient to operate and maintain?
- Can the space be modified?
- Is the facility structurally sound?

Electrical

- Are there sufficient circuits to do the job without overloading — to handle current and expected future demands on electrical systems? e.g. word processors, computers, typewriters, vocational equipment
- Are ample light switches and outlets conveniently provided in all classrooms?

HVAC

- Is the heating plant large enough to provide adequate uniform heat throughout the entire building (mid winter)?
- Is the heating system flexible to provide for partial use of the building, for different requirements in different areas, and can it be readily expanded to meet increased building needs?
- Are boiler and furnace rooms large enough to provide for servicing and cleaning the equipment and for access to all equipment points, i.e, cleanouts?
- Is the boiler room provided with a removable wall panel, a removable window or a large door of ample size for the removal or replacement of equipment?
- Is the heating system properly vented and is the draft adequate to complete combustion of fuels?
- Does the heating system function quietly and automatically, with thermostatic controls in individual rooms?
- Are fire and safety codes met?
- Does the heating system provide for an ample supply of fresh air throughout the building?
- Is the facility easy to maintain?
- Can energy consumption be lowered?

Item 10B

- Need for: additions, BQRP, modernization, and school closure

Item 11B

- School facility features requiring further study

GUIDELINES

Item 1C

Parent/Community School Involvement and Attitude Profile

- Sense of community
- School relationship to population served

Item 2C

- Educational Program Specifications

Item 3C

Building must accommodate changing educational practices

Feeder Plans, Bus Routes, Capital Budgets

Item 4C

Item 5C

- Elementary 5 acres
- Junior High 10 acres
- Senior High 15 acres
- adequate size for current and future program requirements
- organization of site
- room for building expansion
- room for off street staff and visitor parking
- adequate for current and future and organized physical education programs

Item 6C

Users	Degree of User Satisfaction
Principals	
Teachers	
Support Staff	
Students	
Community Users	

Item 7C

- Flexibility
- Convertibility
- Adaptability

Item 8C

- Quality of workmanship and materials
- Quality of design
  - engineering
  - architectural
  - site
- ease of cleaning and maintaining
- $\$/m^2/yr$ energy target figure
- hrs, $\$/m^2/yr$ maintenance expense

Item 9C

- maintenance supervisor and caretaker

Energy Audit

Overall condition of the walls, windows, and doors are observed. The types, quantity and capacities of boilers, pumps, fans and furnaces are recorded. The type of lighting and the impression of light quantity is noted. Normal hours of school operation including community use are estimated. Obvious problems with cracks, cold walls, constantly running fans, excess lighting and so on are recorded.

Capital Free
Energy Conservation Measures

Degree of Preventative Maintenance practices as evident in:

- clogged air filters
- sediment and rust in boilers–and waterlines as a result of untreated water
- overridden controls
- leaks in waterlines (both hot and cold)
- cracks around windows and doors
- poor power factors
- defective components (motors, thermostats) left unrepaired
  - equipment operating incorrectly

Items 10C & 11C

Items 1C through 9C inclusive

BEST COPY AVAILABLE

FACTORS TO EVALUATE

Item 1D

Community User Profile

- historic user
- projected user patterns
- nature of alternative use
- compatability with educational functioning

Community Vital and Social Statistics

- fertility rates
- migration patterns
- economic status of parents
- religious affiliation
- resident pupils

Item 2D

Student Profile

- students/grade/year
- historical records & projections

Educational Program Facility Specifications

Goals & Objectives

Planned usage - experiences & activities planned for users of the area

Number of Users

Staff requirement, number of teachers, paraprofessionals and administration personnel

- anticipated student group sizes, e.g., small groups, individualized instruction

Simultaneous Grouping of Users

- spatial relationships with other activities
- spatial requirements - combined with other areas or subdivided
- support facilities for the educational program, e.g., student project areas, preparation areas, teacher planning areas
- informal educational offerings
  - individual interests and supplements to formal program
  - supplementary instructional activities, e.g., library research
- non-instructional activities
  - hot lunch, book & supply storage, administration, etc.
- by type of school

Items 3D & 4D

School Jurisdiction Planning

- jurisdiction utilization factor
- feeder plans
- trends in present and proposed land uses in the surrounding area
- the age distributions and mobility patterns of residents
- the trends toward recycling of existing residences to younger owners/renters with school-age children
- unsolvable traffic problems
- transportation possibilities, if catchments are beyond walking distances

Item 5D

Building Site and Grounds Profile

- layout
- size, shape and topography
- driveways and parking
- bus and car loading areas
- bicycle storage
- fencing
- lighting
- paved play area
- fixed playground equipment
- athletic fields
- security and vandalism control
- allowance for expansion

Item 6D

Factors

- aesthetics, safety, noise, security, spaciousness, pleasure, disorder, lighting, crowding, convenience, color, function

- thermal comfort
  - heating comfort in the area
  - cooling comfort in the area
  - ventilation in the area
  - localized control of the above

- visual comfort
  - ability to darken area for audio-visual
  - absence of glare from natural and/or artificial sources

Item 7D

Facility Space Profile

Design Features

- external functional relationship
- spatial size and shape, length, width, height
- cabinets and shelving
- chalkboards and tackboards
- special features

Environmental Quality Profile

- aesthetics - Impact of color, texture, scale, balance on sense of ambience

- acoustics - adequacy of acoustical conditioning and isolation of learning spaces

- lighting - ease of seeing the visual tasks inherent in teaching and learning

- heating and ventilation

- suitability and elements for capacities and activities which occur in instructional and non-instructional spaces

- utilities - hot and cold water, electrical, gas, vacuum, compressed air, telephones, two-way public address systems, closed circuit television

- storage - capacity and materials

- display requirements, i.e., chalkboards, tackboards, pegboards and tack strips

- furniture and equipment

Educational Factors

The ability of a school building to support the educational program including:

- open area schools
- individualized study
- flexible group sizes
- flexible scheduling
- cooperative or team teaching
- computerized teaching aids
- community usage
- facilities for the gifted child
- facilities for the learning and physically disabled

Factors that influence the educational obsolescence of a facility include:

- changing educational goals and objectives
- planned usage of instructional areas, i.e., group sizes, simultaneous groupings and activities
- number of pupils—either declining or increasing past functional capacities
- spatial requirements, i.e., either combined with other areas or subdivided
- spatial relationship between areas
- storage space, i.e., general storage and storage in instructional areas
- support facilities for students and staff
- display requirements, i.e., tackboards, chalkboards
- fixed equipment and furniture

List of Rooms

- general classrooms
- early childhood services
- special education
- music/ancillary room
- art/ancillary room
- drama ancillary room
- learning resources centre
- science rooms
- beauty culture
- academic/vocational shops
- vocational shops
- cafeteria/ancillary room and kitchen
- gymnasium
- storage - physical education office
  - locker shower room
- stage
- administration area
- principal's office and vice principal's office
- general office
- infirmary
- counselling office
- conference room
- staff areas
- corridors
- stairs/elevators
- entrance lobbies
- general storage rooms
- washrooms
- mechanical room
- electrical room
- caretaker's room/office/closets
- janitor's closets

Item 8D

Architectural Features

Building Exterior

- foundations
- cladding
- fascia and soffits
- gutters and downpipes
- roofing
- skylights and vents
- fire escapes and ladders
- platforms
- other exterior features

Building Interior

- floor finish, trim and fittings
- wall finish, trim and fittings
- doors and windows
- ceiling finish, trim and openings
- insulation levels
- acoustical control
- millwork
- special features

Engineering Systems

- structural systems
- storm water drainage
- sanitary sewerage and plumbing
- water supply
- electrical supply
- communications
- fuel supply
- ventilating and heating
- exhaust
- emergency control

Item 9D

- safety records
- operating costs
- maintenance costs
- preventative maintenance routine
- degree of maintainability

Energy Use Profile

- climate zone
- total capital costs/pupil year
- operation and maintenance costs/pupil year
- transportation costs/pupil year

DESCRIPTION OF WEAKNESSES, DEFICIENCIES, DETERIORATION OBSOLESCENCE

Item 1E

- increases or decreases in community use patterns

Item 2E

- increases or decreases in enrolled pupil, resident student

Item 3E

- required consolidation, fragmentation, growth change

Item 4E

- inadequate or missing hard and soft infrastructure

- school location is poor/good

Item 5E

- insufficient size for growth

- insufficient site development

- poor site conditions
  - structural soils
  - organic soils
  - water table

Item 6E

- school is considered good, bad, poor, fair, etc. by users

Item 7E

- school is healthful and safe

- school is adequate and suitable to educational program

Item 8E

Cost to alleviate
- code violations
- wear & tear deterioration
- design (functional/technical weaknesses)
- obsolescence

Item 9E

- amount of maintenance required
- ability to maintain facility

BEST COPY AVAILABLE

CONCLUSIONS

Item 1F

Urban

- potential for land use or demographic changes to reduce or increase demand for schools

Item 2F

Program Development
- potential educational program changes

Instructional Technique
- potential new modes of instruction

Instructional Technology
- new computer and communication technology impacts

Item 3F

3 Year Capital Budget

- Additions
- B.Q.R.P.
- Modernization
- Disposal

Item 4F

Options

- school is supported by hard and soft services

Item 5F

- size adequate for current and future needs
- shape suitable
- configuration of site and building allows for easy expansion

Analysis of results will yield respondents' acceptance or rejection of certain features

Item 6F

Item 7F

Building Technical Profile

- structural soundness
- condition
- compliance with codes

Excess Space Profile

Item 8F

Options

- repair components and make small functional improvements
- replace worn out components & systems, e.g., electrical, plumbing, roofs, glass block, on site services, water supply and sewage disposal, and forced air system
- general interior upgrading, major overhaul or replacement of original equipment
- general exterior upgrading
- replace structural components
- disposal

Item 9F

Need for a preventative maintenance program

- energy retrofit

Item 10F

Administration Costs

- capital costs
- operation of plant
  - energy
  - water
- maintenance costs
  - material
  - labour

Pupil Transportation Costs
Fixed Charges

RECOMMENDATIONS

Item 1H

Options

- Continued use
- Alternative re-use of excess space
- Disposal

Item 2H

- Can the facility be modernized to meet the educational specifications?
- Can educational obsolescence be eliminated through modernization?
- Can the facility be economically adapted to meet the educational program?
- Is there sufficient student demand to warrant keeping the building open (within catchment area and from busing)?

Item 3H

- Does the long range educational plan for the jurisdiction show a need for this type of facility in this location for at least 75% of the useful life after modernization?
- How practical is it to redistribute the students from this facility to surrounding schools?
- How useful would the facility be to another community service?
- Would any of the following problems be created or aggravated by joint use?
  - conflicts about the use of space, e.g., gymnasium, cafeteria
  - traffic congestion and inadequate parking space
  - congestion in hallways or noise
  - inadequate or inconvenient lavatory space
  - conflict with provincial/state regulations

Item 4H

Item 5H

- Is the school site adequate to fulfill needs of the modernized school?

Item 6H

- Is environmental obsolescence correctable?

Item 7H

- Does the structure lend itself to remodelling and expansion?
- Should the facility components be rehabilitated or should the facility be modernized?
- Do operating and maintenance costs warrant rehabilitation?
- Is technical obsolescence correctable?

Item 8H

- For how may years will the life of the building be prolonged?
- Will changes that cannot be made cause educational obsolescence to recur within a short time span, or will the life of a building be prolonged more or less indefinitely?

Item 9H

- Can the facility be upgraded so that it is efficient to operate and maintain?

Item 10H

- Are the required changes feasible?
- How do the costs for modernization compare to those for new construction?
- Would disposal of the building result in a financial loss or gain?

Item 11H

- What strategic - planning, research and monitoring activities need to be undertaken?

BEST COPY AVAILABLE

FIGURE 3 - 2

EVALUATION OBJECTIVES AND USERS

. OBJECTIVES

- to support school facility planning and capital decisions by providing reliable and timely information about school facilities
- to provide a comprehensive and adaptable evaluation methodology to fulfill the information needs of the following:
  - school capital plan, program and program development through identification of needs not being met by existing programs
  - inform the following decisions:

    Preventative maintenance
    Energy accounting
    B.Q.R. Program
    Modernization
    New Construction (additions)
    Alternative Re-use
    Disposal

  - help to establish standards for school evaluation
  - provide design feedback for new construction

2. USERS: Current and Potential

(x under current evaluation design consideration)

School

x maintenance personnel and supervisors
- teachers

x principals

School Board

x superintendents
- secretary treasurers
- trustees

Alberta Education

- regional office personnel

x School Buildings Board members (made up of regional members)
x School Buildings staff
x other ed-officials

Community

- students
- parents of students
- community user group
- ratepayers

BEST COPY AVAILABLE

Current practice is to use implicit standards based on the expertness of the evaluator.

Evaluation Factors

The factors are what need to be examined for each facility cycle. Depending on the specific purpose of a given evaluation, more or less detail could be included in the factors.

Findings

Findings are the results of an evaluation when each factor is compared to the evaluation standards. For example, design weakness, deficiencies, wear and tear deterioration and obsolescence are determined.

ACTION PLAN

Based on the school facility profiles, conclusions are drawn regarding each profile, and recommendations made regarding the facility as a whole.

Conclusions

Conclusions are drawn based on the findings for each individual facility cycle.

Evaluation Weighting/Formula Factors

Evaluation formula/weighting factors are a means to consistently transpose the conclusions for each cycle into recommendations for the facility as a whole. These factors are the means through which the relative importance of each facility cycle will be weighted, to recommend a capital decision for the facility as a whole. Different decisions may require different weightings. Some decisions will not require consideration of each facility cycle.

One version of weighting factors would be to establish an evaluation formula similar in logic to the funding formula. Factors would be used in the same manner, but instead of yielding a funding support level, the evaluation formula would derive a capital decision.

The evaluation weighting/formula factors are presented for discussion purposes. An evaluation methodology could be established using an alternative method of having a set of criteria to be met for each decision. These criteria are presented under the recommendation section.

Recommendation

Criteria for each capital and planning decision made regarding school facilities are noted in this section, as a set of questions to be answered for each type of capital decision.

SECTION 4

EVALUATION INSTRUMENT

The evaluation instruments are being designed to be comprehensive in scope, flexible in application and simple to use. To accomplish this an evaluation instrument is being developed for each facility cycle and at the following levels of detail:

Summary Overview
Mini Evaluation
Maxi Evaluation

The evaluation instrument will combine the components of the school facility profiles and action plans. The instrument will take the form of the profiles noted below:

Identifiers

Location Map

Background Information

Education Program and Need Profile

User Profile

Excess Space Profile

Functional Profile

Technical Profile

Operational Profile